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COTTON QUALITY CROP OF 1984



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COTTON QUALITY - UNITED STATES

1984 Crop

The 1984 United States upland cotton crop averaged 34.7 thirty-seconds inches in length, according to the Cotton Division, Agricultural Marketing Service, USDA. This was the longest average length since records began in 1940. Staple 36 was the predominant length, accounting for 35 percent of the crop. Grade 31 was the predominant grade in the 1984 crop, accounting for 22 percent of ginnings. This was the largest proportion of grade 31 in any crop since 1980 and was the second time grade 31 predominated since 1961. Grade 41 is normally the predominant grade. Average mike was 39, the lowest since records were established in 1965. Average fiber strength was 26.1 grams per tex, the strongest since records began in 1980. The 1984 American Pima crop was the largest since 1963 and the second largest on record.

Grade. Grade 31 made up 22 percent of upland cotton ginned from the 1984 crop. This was the largest proportion of grade 31 in any crop since 1980 and was the second time since 1961 that grade 31 was predominant. Grade 31 made up 15 percent of ginnings a year earlier and 13 percent two years ago. White grades 31 and higher made up 24 percent of ginnings this season, up from 15 percent in 1983 and 14 percent in 1982. Grades 41 and higher accounted for 45 percent of ginnings against 48 percent a year ago and 44 percent two years earlier. All white grades made up 57 percent this season, down from 60 percent a year earlier and 63 percent two years ago. Light Spotted grades comprised 41 percent of the crop, the largest percentage since records began in 1958, and compares with 29 percent last year and 31 percent two years ago. Spotted grades made up 2 percent this season, down from 7 percent and 4 percent in 1983 and 1982, respectively. Below Grade, Tinged and other colored grades made up about 1 percent in 1984, 4 percent in 1983 and 2 percent in 1982.

Staple. The average staple length of upland cotton ginned from the 1984 crop was 34.7 thirty-seconds inches. This was the longest average length since records began in 1940 and was up from 34.3 a year earlier and 34.5 two years ago. Staple 36, the predominant length, comprised 35 percent this season, 25 percent in 1983 and 37 percent in 1982. This was the second time staple 36 has been the predominant staple in ginnings since records began in 1940. Staples 31 and shorter made up 11 percent of ginnings this season and in 1983 and 13 percent in 1982. Staples 32 and 33 made up 12 percent of the crop and compares with 13 percent the previous year and 10 percent in 1982. Staples 34 and 35, at 32 percent, comprised the smallest proportion since the crop of 1954, and compares with 48 percent in 1983 and 39 percent in 1982. Staples 36 and longer made up 45 percent this season, the largest on record, compared with 28 percent a year earlier and 38 percent two years ago.

Mike. The average mike of upland cotton ginned from the 1984 crop was 39, the lowest average since records were established in 1965. Average mike for the two previous years was 42. Cotton in the mike 35-49 range accounted for 73 percent of ginnings, down from 84 percent last year and 88 percent two years ago. Cotton with mike 34 and lower, at 23 percent, accounted for the largest percentage in this range since the crop of 1979, and compares with 10 percent in 1983 and 7 percent in 1982. Cotton with mike 50 and higher made up 4 percent this season, the smallest proportion on record, and compares with 7 percent the previous year and 5 percent two years ago.

Strength. The average fiber strength for upland cotton ginned from the 1984 crop was 26.1 grams per tex. This was the strongest average since records began in 1980 and compares with 25.7 a year earlier and 25.6 two years ago. Strengths in the 19 and lower range accounted for almost 1 percent of ginnings against less than 1 percent last year and 1 percent in 1982. About 17 percent of ginnings had strengths in the 20 to 23 range, down from 18 percent in 1983 and 19 percent in 1982. Cotton with strengths of 24 to 27 grams per tex accounted for 53 percent, down from 59 percent last year and 58 percent two years ago. Strengths in the 28 and higher range, at 30 percent, made up the largest percentage in this range on record, compared with 23 percent in 1983 and 22 percent in 1982.

American Pima cotton ginned from the 1984 crop contained a smaller proportion of higher grades than last season. Staple length averaged slightly longer in 1984. Grades 4 and higher accounted for 66 percent of ginnings, down from 68 percent a year earlier. Grade 4 was the predominant grade both years, accounting for 54 percent in 1984 and 57 percent in 1983. Grades 5 and lower made up 34 percent of ginnings this season against 32 percent in 1983. Staples 46 and longer comprised 92 percent of this year's crop which was up slightly from 91 percent a year ago. The average staple length was 45.9 thirty-seconds inches against 45.8 last year. Average mike was 41 compared with 38 for the 1983 crop.

Ginnings of 1984-crop cotton in the United States totaled 12,544,866 running bales, according to the Bureau of the Census. This total includes 12,418,749 bales of upland and 126,117 bales of American Pima cotton. This was the largest American Pima crop since 1963 and the second largest on record.

Table 1. -- Grade and staple of upland cotton ginned in the United States, 1984-85

Grade	Staple											All staples				
	26 and shorter Bales	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer Bales	Bales	Percent
White:																
11	1	2	5	30	104	95	74	126	224	601	86	-	-	-	1,348	*
21	14	30	452	3,482	8,734	7,007	4,267	7,330	42,568	148,602	38,431	189	25	6	261,137	2.1
30	-	1	8	144	946	1,230	846	441	823	3,842	1,918	26	1	1	10,227	0.1
31	293	1,407	3,592	17,944	46,798	53,219	50,439	87,298	486,885	1,503,669	436,099	5,055	592	112	2,693,402	21.7
40	13	81	360	2,549	8,485	11,431	13,191	22,610	73,745	169,456	62,363	2,238	308	45	366,875	3.0
41	724	4,958	14,151	48,667	99,124	105,580	120,907	191,895	454,881	833,577	296,928	17,706	2,563	367	2,192,028	17.7
50	8	107	399	2,249	6,957	8,848	8,588	11,643	39,350	66,033	23,659	2,699	347	60	170,947	1.4
51	342	2,639	9,204	39,089	94,808	108,678	111,628	139,331	301,219	310,507	66,877	4,387	531	63	1,189,303	9.6
60	-	2	21	66	216	359	364	569	2,115	1,773	332	22	1	-	5,840	*
61	29	162	769	4,129	13,837	20,196	23,761	29,280	39,605	29,083	5,030	550	81	4	166,516	1.3
70	-	-	-	-	2	-	-	31	70	14	1	-	-	-	122	*
71	-	6	22	133	464	757	1,203	2,679	3,656	2,659	313	26	6	-	11,924	0.1
Total	1,424	9,395	28,983	118,483	280,475	317,400	355,271	493,233	1,445,141	3,069,816	932,037	32,898	4,455	658	7,069,669	57.0
Light Spotted:																
12	-	-	-	-	3	5	-	1	7	2	-	-	-	-	20	*
22	15	95	259	1,423	2,112	1,248	650	433	951	1,765	218	-	1	-	9,173	0.1
32	965	4,606	10,580	31,270	40,620	25,889	17,081	21,895	88,782	139,299	24,434	820	91	10	406,342	3.3
42	2,786	17,695	46,052	135,874	202,430	149,043	118,810	205,483	378,557	355,229	95,705	8,349	934	197	1,717,144	13.8
52	1,351	9,664	29,179	103,961	189,490	171,998	171,977	310,839	772,932	704,683	106,615	5,862	650	64	2,579,265	20.8
62	105	758	2,493	9,730	23,453	29,406	38,143	58,477	85,799	56,312	7,342	609	78	12	312,717	2.5
Total	5,222	32,818	88,563	282,260	458,108	377,589	346,661	597,128	1,327,028	1,257,290	234,314	15,643	1,754	283	5,024,661	40.5
Spotted:																
13	-	-	-	2	1	5	4	10	13	45	21	1	-	1	103	*
23	-	5	26	88	128	114	91	114	308	214	39	-	-	5	1,132	*
33	86	313	542	1,456	2,062	1,659	1,261	2,144	5,590	6,979	730	21	2	-	22,845	0.2
43	164	920	2,068	5,137	7,960	6,305	6,016	11,658	20,404	17,477	3,012	208	32	8	81,369	0.7
53	63	454	1,142	3,251	6,479	7,508	9,249	16,715	29,932	23,766	3,144	135	22	6	101,866	0.8
63	18	98	228	736	1,481	2,467	4,342	6,147	7,015	4,811	541	31	6	2	27,923	0.2
Total	331	1,790	4,006	10,670	18,111	18,058	20,963	36,788	63,262	53,292	7,487	396	62	22	235,238	1.9
Tinged:																
24	1	-	2	-	-	8	19	13	11	36	8	1	-	-	99	*
34	23	81	109	176	176	124	160	351	554	313	40	1	-	2	2,110	*
44	79	248	355	612	609	369	281	811	1,495	1,343	163	8	8	4	6,385	0.1
54	31	100	172	358	518	409	492	990	1,814	1,105	141	4	4	2	6,140	*
Total	134	429	638	1,146	1,303	910	952	2,165	3,874	2,797	352	14	12	8	14,734	0.1
Stained:																
25	-	-	-	-	-	1	2	3	9	12	2	-	-	-	29	*
35	-	1	2	6	4	9	-	30	82	42	2	-	-	12	190	*
Total	-	1	2	6	4	10	2	33	91	54	4	-	-	12	219	*
Light Gray:																
16	-	-	-	-	2	-	-	1	2	4	1	-	-	-	10	*
26	-	-	1	14	72	151	300	440	695	1,177	152	-	-	-	3,002	*
36	1	-	1	30	100	292	827	2,758	6,205	5,901	696	5	-	17	16,833	0.1
46	-	-	3	9	23	47	229	1,311	1,876	2,598	308	-	-	3	6,407	0.1
Total	1	-	5	53	197	490	1,356	4,510	8,778	9,680	1,157	5	-	20	26,252	0.2
Gray:																
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	1	1	-	52	61	57	11	-	-	1	184	*
37	-	-	-	7	11	21	41	161	116	257	70	-	1	5	690	*
47	-	-	-	-	4	19	108	355	312	288	61	-	-	2	1,149	*
Total	-	-	-	7	16	41	149	568	489	602	142	-	1	8	2,023	*
Below Grade 1/	34	96	258	1,050	2,612	4,688	9,589	14,376	8,897	3,874	399	58	18	4	45,953	0.4
All grades,	7,146	44,529	122,455	413,675	760,826	719,186	714,943	1,148,801	2,857,560	4,397,405	1,175,892	49,014	6,302	1,015	12,418,749	2/ 100.0
All grades	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
1/	0.1	0.4	1.0	3.3	6.1	5.8	5.8	9.3	23.0	35.4	9.5	0.4	0.1	0.1	100.0	34.7
2/	Lower in grade than the lowest grades of the official standards.															
3/	As reported by the Bureau of the Census, running bales.															
*	Less than 0.05 percent.															
	Average staple.....															
	Percent tenderable.....															
	Percent Average Rule Used (ARU)....															
	Percent grade reductions.....															

Table 2. -- Grade and staple of upland cotton ginned in the United States, 1983-84

Grade	Staple														All staples	
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	Bales	Percent
White:																
11	-	-	1	3	6	3	16	10	6	13	1	-	-	-	59	*
21	1	15	64	507	1,337	698	563	1,915	9,615	6,675	965	47	-	-	22,402	0.3
30	1	-	-	4	9	6	18	50	285	272	73	16	2	1	737	*
31	28	121	554	4,266	12,115	9,693	17,627	86,079	507,517	460,714	19,154	1,641	173	17	1,119,699	15.1
40	1	11	34	219	1,075	1,240	4,650	23,803	84,307	126,900	5,615	606	61	10	248,532	3.4
41	45	241	772	4,556	15,173	23,458	60,434	292,974	959,183	742,506	48,764	6,322	1,010	146	2,155,584	29.1
50	3	15	35	125	571	1,423	6,176	38,497	140,152	88,238	8,996	1,188	232	39	285,690	3.9
51	13	60	244	1,619	7,394	14,813	28,494	87,723	206,384	141,218	15,509	2,298	442	68	506,279	6.8
60	-	1	-	5	25	152	269	1,181	2,909	1,822	233	10	6	-	6,613	0.1
61	-	18	44	252	1,647	4,154	8,039	17,790	26,133	15,562	2,738	472	56	4	76,909	1.0
70	-	-	-	1	3	6	22	77	45	11	1	-	-	-	166	*
71	-	2	4	25	154	446	1,092	1,926	2,471	1,344	260	17	-	-	7,741	0.1
Total	92	484	1,752	11,582	39,509	56,092	127,400	552,025	1,939,007	1,585,275	102,309	12,617	1,982	285	4,430,411	59.8
Light Spotted:																
12	-	-	-	1	1	1	-	4	2	6	1	-	-	-	16	*
22	23	62	170	529	606	387	295	365	427	264	87	5	-	-	3,220	*
32	247	1,844	5,076	18,756	34,839	27,368	24,322	42,197	115,483	53,640	3,912	630	119	20	328,453	4.4
42	603	5,457	18,461	73,588	139,890	118,425	104,286	162,849	278,482	154,537	24,108	3,850	842	306	1,085,684	14.6
52	203	2,307	8,297	40,693	98,869	119,251	126,953	152,461	137,918	66,113	15,531	2,639	444	126	771,805	10.4
Total	1,076	9,670	32,004	133,567	274,205	265,432	255,856	357,876	532,312	274,560	43,639	7,124	1,405	452	2,189,178	29.4
Spotted:																
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	4	17	35	178	230	118	82	126	19	36	3	-	-	4	44	*
33	145	828	1,875	6,722	8,431	4,898	3,201	2,555	1,997	1,227	109	5	-	3	923	*
43	882	5,165	14,560	45,850	59,474	34,105	19,963	14,034	10,764	5,977	862	136	19	4	31,997	0.4
53	573	3,525	9,501	32,360	58,363	53,839	43,003	29,534	14,293	5,883	1,273	132	17	11	211,796	2.9
Total	1,604	9,535	25,971	85,110	126,498	92,961	66,251	46,258	27,163	13,129	2,251	273	36	27	497,067	6.7
Tinged:																
24	-	-	4	15	5	2	3	2	5	-	-	-	-	-	36	*
34	7	31	125	434	618	326	210	161	65	23	6	-	1	1	2,008	*
44	100	524	1,425	3,828	5,257	2,898	1,686	1,051	546	363	97	20	3	4	17,802	0.2
54	48	355	1,046	3,774	7,095	6,619	4,310	2,751	930	361	73	5	5	6	27,378	0.4
Total	155	910	2,600	8,051	12,975	9,845	6,209	3,965	1,546	747	176	25	9	11	47,224	0.6
Stained:																
25	-	-	-	-	1	3	-	1	1	1	-	-	-	-	7	*
35	-	1	15	43	49	39	8	6	18	3	-	-	-	5	187	*
Total	-	1	15	43	50	42	8	7	19	4	-	-	-	5	194	*
Light Gray:																
16	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	*
26	-	-	-	-	1	5	69	189	1,237	227	5	-	-	-	1,733	*
36	-	-	-	1	1	40	154	448	1,597	1,095	3	3	-	2	3,344	*
46	-	-	-	2	5	12	82	194	463	168	2	-	-	5	933	*
Total	-	-	-	3	7	57	305	832	3,297	1,490	10	3	-	7	6,011	*
Gray:																
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
27	-	-	-	-	-	-	2	4	19	1	-	-	-	-	26	*
37	-	-	-	-	1	-	-	4	66	32	-	-	-	1	104	*
47	-	-	-	3	1	7	3	2	53	31	-	-	-	1	101	*
Total	-	-	-	3	2	7	5	10	138	64	-	-	-	2	231	*
Below Grade 1/	515	1,300	2,954	12,893	28,346	46,414	56,908	50,743	27,735	10,907	3,248	697	261	97	243,018	3.3
All grades	3,442	21,900	65,296	251,252	481,592	470,850	512,942	1,011,716	2,531,217	1,886,176	151,633	20,739	3,693	886	7,413,334	2/ 100.0
All grades	Pct. *	Pct. 0.3	Pct. 0.9	Pct. 3.4	Pct. 6.5	Pct. 6.4	Pct. 6.9	Pct. 13.6	Pct. 34.1	Pct. 25.4	Pct. 2.0	Pct. 0.3	Pct. *	Pct. *	Pct. 100.0	
1/ Lower in grade than the lowest grades of the official standards.																
2/ As reported by the Bureau of the Census, running bales.																
* Less than 0.05 percent.																
Average staple..... 34.3																
Percent tenderable..... 52.1																
Percent Average Rule Used (ARU)..... 0.9																
Percent grade reductions..... 14.4																

Table 3. -- Percentage distribution of grade and staple for upland cotton classed through specified periods in the United States, 1984-85

Grade and Staple	Prior to				Crop
	October 1	November 1	December 1	January 1	
Grade					
White:					
11	*	*	*	*	*
21	3.6	5.7	3.1	2.4	2.1
30	0.4	0.3	0.1	0.1	0.1
31	28.4	35.4	28.6	24.0	21.7
40	8.4	7.1	4.4	3.3	3.0
41	35.7	29.3	21.6	18.7	17.7
50	2.5	2.9	1.9	1.5	1.4
51	4.8	4.2	7.0	8.7	9.6
60	*	*	*	*	*
61	0.4	0.2	0.6	1.0	1.3
70	*	*	*	*	*
71	0.1	*	*	0.1	0.1
Total	84.3	85.1	67.3	59.8	57.0
Light Spotted:					
12	*	*	*	*	*
22	0.5	0.2	0.1	0.1	0.1
32	5.2	3.4	2.9	3.3	3.3
42	6.8	7.4	10.9	12.9	13.8
52	1.8	2.9	16.0	19.7	20.8
62	0.2	0.2	1.2	2.1	2.5
Total	14.5	14.1	31.1	38.1	40.5
Spotted:					
13	*	*	*	*	*
23	*	*	*	*	*
33	0.2	0.1	0.1	0.1	0.2
43	0.3	0.2	0.4	0.6	0.7
53	0.2	0.2	0.6	0.7	0.8
63	*	*	0.1	0.2	0.2
Total	0.7	0.5	1.2	1.6	1.9
Tinged:					
24	*	*	*	*	*
34	*	*	*	*	*
44	*	*	*	*	0.1
54	*	*	*	*	*
Total	*	*	*	*	0.1
Stained:					
All grades	*	*	*	*	*
Light Gray:					
All grades	0.3	0.1	0.1	0.1	0.2
Gray:					
All grades	*	*	*	*	*
Below Grade 1/	0.2	0.1	0.1	0.2	0.4
All grades	100.0	100.0	100.0	100.0	100.0
Staple					
26 & shorter	*	*	*	*	0.1
28	0.1	*	*	0.1	0.4
29	0.5	0.1	0.2	0.4	1.0
30	3.9	1.1	1.0	1.7	3.3
31	10.3	2.8	2.6	4.0	6.1
32	12.2	3.4	3.2	4.5	5.8
33	15.1	4.1	3.7	5.1	5.8
34	24.2	7.6	7.5	9.2	9.3
35	21.4	20.0	23.6	24.8	23.0
36	10.4	43.5	44.2	39.1	35.4
37	2.1	16.5	13.3	10.6	9.5
38	0.1	0.7	0.6	0.4	0.4
39	*	0.1	0.1	0.1	0.1
40 & longer	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0
Average staple	33.6	35.4	35.3	35.0	34.7

Ginnings 2/ 1,174,761 4,306,484 8,902,026 10,973,715 12,418,749

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 4. -- Grade reductions by specified causes of upland cotton ginned in the United States,
by states, 1984-85

State	Grade reductions by causes							
	Prepara- tion	Bark	Dust	Grass	Oil	Spindle Twist	Other	Total
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales
Alabama	489	7,314	5	6,803	32	10	19	14,672
Arizona	1,582	57,261	16	9,607	24	13	248	68,751
Arkansas	423	9,271	-	5,406	34	15	11	15,160
California	1,424	24,655	-	75,871	33	201	232	102,416
Georgia	98	5,396	-	17,760	5	-	215	23,474
Louisiana	1,134	28,817	1	21,771	40	14	15	51,792
Mississippi	1,089	30,808	3	33,375	120	47	31	65,473
Missouri	31	1,455	-	388	20	1	2	1,897
New Mexico	58	18,810	1	747	27	1	11	19,655
North Carolina	84	6,934	-	12,413	8	6	7	19,452
Oklahoma	113	53,946	-	1,399	14	1	7	55,480
South Carolina	56	5,621	-	13,287	19	-	1	18,984
Tennessee	645	9,604	-	3,199	14	143	13	13,618
Texas	1,501	1,086,783	27	37,181	264	466	285	1,126,507
United States	8,727	1,346,675	53	239,207	654	918	1,097	1,597,331

Table 5. -- Tenderability of upland cotton ginned, by states, 1984-85

State	Tenderable <u>1/</u>		Untenderable	
	Bales	Pct.	Bales	Pct.
Alabama	223,506	52.6	201,616	47.4
Arizona	641,141	61.9	394,498	38.1
Arkansas	143,289	23.9	455,023	76.1
California	2,455,864	86.6	379,873	13.4
Georgia	196,698	73.0	72,784	27.0
Louisiana	398,724	38.8	629,841	61.2
Mississippi	434,836	27.2	1,162,334	72.8
Missouri	111,170	59.9	74,530	40.1
New Mexico	28,387	36.3	49,749	63.7
North Carolina	57,712	49.0	60,013	51.0
Oklahoma	16,932	9.6	159,287	90.4
South Carolina	96,604	61.8	59,611	38.2
Tennessee	55,475	17.0	270,590	83.0
Texas	542,819	15.2	3,021,962	84.8
United States	5,403,157	43.6	6,991,711	56.4

1/ Tenderable with respect to grade, staple and mike in settlement of New York No. 2 futures contracts.

Table 6. -- Tenderability of upland cotton ginned in the United States, 1965-1984

Year	Tenderable <u>1/</u>		Untenderable	
	Bales	Pct.	Bales	Pct.
1965	9,540,115	64.3	5,307,177	35.7
1966	4,902,137	51.6	4,589,060	48.4
1967	4,011,329	54.4	3,358,964	45.6
1968	6,714,407	62.0	4,123,977	38.0
1969	5,511,908	55.9	4,348,322	44.1
1970	6,342,553	63.1	3,712,684	36.9
1971	5,638,379	55.6	4,495,040	44.4
1972	7,279,575	55.3	5,895,947	44.7
1973	8,367,010	66.8	4,165,891	33.2
1974	6,651,985	59.2	4,587,750	40.8
1975	4,503,214	55.6	3,594,338	44.4
1976	5,767,782	56.1	4,516,274	43.9
1977	8,853,834	63.7	5,055,287	36.3
1978	5,711,866	54.6	4,747,335	45.4
1979	6,996,723	49.4	7,168,941	50.6
1980	5,405,563	50.4	5,316,703	49.6
1981	6,361,006	42.2	8,711,848	57.8
1982	7,166,579	62.7	4,263,069	37.3
1983	3,864,764	52.1	3,548,570	47.9
1984	5,403,157	43.6	6,991,711	56.4

1/ Tenderability based on grade, staples 29 and longer and mike in settlement of New York No. 1 and No. 2 contracts 1965-78; based on grade, staples 33 and longer and mike in settlement of New York No. 2 contracts 1979-81; New Orleans futures contracts included in 1982; based on New York No. 2 futures contracts thereafter.

Table 7. -- Alabama: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
21	*	-	-	-	-	-	*	0.1	0.4	0.3	*	-	-	-	0.8
30	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
31	-	-	-	-	*	*	0.1	1.3	5.2	3.4	0.1	*	*	-	10.1
40	-	-	-	-	-	*	0.1	0.9	3.9	3.0	0.1	-	*	-	7.9
41	-	-	-	-	*	*	0.2	3.6	13.4	8.4	0.4	-	-	*	26.1
50	-	-	-	-	-	*	*	0.3	2.0	1.5	0.1	*	-	-	3.9
51	-	-	-	-	*	*	0.1	1.5	4.7	1.9	0.1	*	-	*	8.4
60	-	-	-	-	-	-	*	*	0.1	*	*	-	-	-	0.2
61	-	-	-	-	-	*	*	0.1	0.3	0.1	*	-	-	-	0.6
70	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
71	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	*	-	*	*	*	*	-	-	-	-	*
32	-	-	-	-	*	*	*	0.2	0.3	0.1	*	-	-	-	0.5
42	*	-	-	-	*	0.1	0.7	2.7	4.8	2.1	0.1	*	-	*	10.5
52	*	-	-	*	*	0.2	2.8	8.1	9.8	3.7	0.1	*	-	*	24.7
62	-	-	-	-	*	*	0.4	1.0	1.2	0.4	*	*	-	-	3.1
Spotted:															
13	-	-	-	*	-	-	*	*	*	*	-	-	-	-	*
23	-	-	-	-	*	-	*	*	*	*	-	-	-	-	*
33	-	-	-	-	-	*	*	*	*	*	-	-	-	-	0.1
43	-	-	-	-	-	*	0.1	0.4	0.4	0.1	*	*	-	-	1.0
53	-	-	-	-	*	*	0.2	0.5	0.6	0.2	*	*	-	-	1.5
63	-	-	-	-	*	*	0.1	0.1	0.1	*	*	*	-	-	0.3
Tinged:															
24	-	-	-	-	-	-	*	-	*	-	-	-	-	-	*
34	-	-	-	-	-	-	*	*	*	*	-	-	-	*	*
44	-	-	-	-	*	-	*	*	*	-	*	-	-	-	*
54	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
35	-	-	-	-	-	-	-	*	*	*	*	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
36	-	-	-	-	-	*	*	*	*	*	*	-	-	*	0.1
46	-	-	-	-	-	*	*	*	*	*	*	-	-	*	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
47	-	-	-	-	-	*	-	*	*	-	-	-	-	-	*
Below Grade ^{2/}	-	-	-	-	*	*	*	0.1	*	*	*	-	-	-	0.1
All grades	*	-	-	*	*	0.4	4.9	21.0	47.4	25.2	1.1	*	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.2	1.4	4.1	4.7	88.1	1.4	0.2	40

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	0.1	0.5	8.4	35.9	39.7	12.4	2.7	0.3	25.8

^{1/} Ginnings, Bureau of the Census, 425,122 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 35.0

Percent tenderable. 52.6

Percent Average Rule Used (ARU) 4.2

Percent grade reductions. 3.5

Table 7-a. -- Arizona: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
21	*	-	-	-	-	*	*	0.1	1.2	1.2	*	-	*	-	2.5
30	-	-	-	-	-	-	-	*	*	*	*	*	*	-	*
31	-	-	-	-	*	*	0.1	1.2	23.5	24.1	0.5	*	*	-	49.5
40	-	-	-	-	-	-	*	*	0.5	0.9	*	*	*	-	1.4
41	*	-	-	*	*	*	*	0.6	9.0	8.7	0.3	*	*	*	18.6
50	-	-	-	-	-	-	*	*	0.2	0.3	*	*	*	-	0.6
51	-	-	-	*	*	*	*	0.2	0.9	0.6	*	*	*	*	1.8
60	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
61	-	-	*	*	*	*	*	0.2	0.2	0.1	*	*	-	-	0.5
70	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
71	-	*	-	-	-	*	*	0.1	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
22	-	-	-	-	*	*	*	*	*	*	*	*	-	-	0.1
32	*	-	*	*	*	*	0.1	0.6	5.4	5.6	0.2	*	*	*	11.9
42	-	-	*	*	*	*	0.1	0.6	2.3	2.1	0.1	*	*	*	5.2
52	-	*	*	*	*	0.1	0.2	0.8	0.7	0.3	*	*	-	*	2.2
62	*	*	*	*	*	0.1	0.3	0.6	0.3	*	*	*	-	*	1.3
Spotted:															
13	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
23	-	-	-	-	*	*	*	*	*	*	*	-	-	*	*
33	-	-	-	-	*	*	*	0.1	0.3	0.1	*	*	-	-	0.4
43	-	-	*	*	*	*	*	0.1	0.3	0.1	*	*	*	-	0.6
53	*	*	*	*	*	*	0.1	0.1	0.1	*	*	*	-	-	0.4
63	*	*	*	*	*	*	0.1	0.2	*	*	*	-	-	-	0.4
Tinged:															
24	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
34	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
44	*	-	-	*	*	*	*	*	*	*	*	*	*	*	0.1
54	-	-	*	*	*	*	*	*	*	*	*	*	*	*	0.1
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	*	*	*	-	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
26	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
36	-	-	-	-	-	*	*	*	0.1	*	*	-	-	-	0.1
46	-	-	-	-	-	*	*	0.1	*	*	*	-	-	-	0.1
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
37	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
47	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
Below Grade ^{2/}	*	*	*	*	*	0.2	0.6	0.8	0.1	*	*	*	-	*	1.7
All grades	*	*	*	0.1	0.2	0.6	1.6	6.5	45.4	44.2	1.4	0.1	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.2	1.1	2.5	2.1	71.9	17.9	4.3	45

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	*	0.1	0.9	6.6	20.7	29.5	24.9	13.1	4.2	27.0

^{1/} Ginnings, Bureau of the Census, 1,035,639 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 35.3

Percent tenderable. 61.9

Percent Average Rule Used (ARU) 0.2

Percent grade reductions. 6.6

Table 7-b. -- Arkansas: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
21	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
30	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
31	*	-	-	-	-	*	-	0.1	0.4	1.0	0.3	-	*	-	1.8
40	-	-	-	-	-	*	-	-	0.1	0.7	0.3	*	*	*	1.2
41	-	-	-	-	-	*	*	0.1	1.6	5.0	3.4	0.4	*	*	10.7
50	-	-	-	-	-	-	*	*	0.1	0.4	0.5	0.1	*	*	1.1
51	-	-	-	-	-	*	*	0.3	4.0	5.0	1.0	0.1	*	*	10.4
60	-	-	-	-	-	-	*	*	-	*	*	-	-	-	*
61	-	-	-	-	-	-	*	*	0.1	0.1	*	*	-	-	0.2
70	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
71	-	-	-	-	-	*	-	*	*	*	*	*	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
32	-	-	-	-	-	*	*	*	0.2	0.4	0.2	*	*	-	0.8
42	-	*	*	-	*	-	0.1	1.2	7.3	9.6	3.7	0.4	-	-	22.3
52	*	*	*	*	-	*	0.2	3.2	19.3	19.1	4.5	0.3	*	*	46.7
62	-	-	-	*	*	-	*	0.3	1.4	0.8	0.1	*	*	-	2.7
Spotted:															
13	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
23	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	*	*	*	-	*
43	-	-	-	-	*	*	*	0.1	0.3	0.2	0.1	-	*	-	0.6
53	-	-	-	-	*	*	*	0.1	0.4	0.3	0.1	*	*	-	0.9
63	-	-	-	-	-	*	-	*	0.1	*	*	*	-	-	0.2
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	*	-	-	-	*
34	-	-	-	-	-	-	-	-	*	*	-	-	-	*	*
44	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
54	-	-	-	-	-	*	*	*	*	*	*	*	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
35	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
36	-	-	-	-	-	-	*	-	0.1	0.1	*	-	-	*	0.2
46	-	-	-	-	-	-	-	*	*	*	-	-	-	-	0.1
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
47	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
Below Grade <u>2</u> / ₁	-	-	-	-	*	*	*	0.1	0.1	*	-	-	-	-	0.2
All grades	*	*	*	*	*	*	0.3	5.6	35.7	42.6	14.2	1.3	0.1	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.4	1.5	3.4	3.9	89.1	1.5	0.2	40

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	*	0.2	4.1	27.4	41.3	21.0	5.0	0.8	0.1	24.5

^{1/} Ginnings, Bureau of the Census, 598,312 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 35.7

Percent tenderable. 23.9

Percent Average Rule Used (ARU) 1.8

Percent grade reductions. 2.5

Table 7-c. — California: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
21	*	-	-	-	*	-	*	*	0.5	4.6	1.3	-	-	-	*
30	-	-	-	-	-	-	-	-	*	0.1	0.1	*	-	-	6.5
31	-	-	-	*	*	*	*	0.1	3.2	40.1	14.9	0.1	*	-	0.2
40	-	-	-	-	*	*	*	*	0.1	2.4	1.7	*	*	*	58.4
41	-	-	-	-	*	*	*	*	0.1	1.3	11.1	6.0	*	*	4.2
50	-	-	-	-	*	*	*	0.1	1.3	11.1	6.0	*	*	*	18.5
51	-	-	-	-	*	*	*	*	*	0.1	0.2	*	-	-	0.3
60	-	-	-	-	-	-	-	*	0.3	1.3	0.6	*	-	-	2.3
61	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
70	-	-	-	-	*	*	*	*	0.1	0.2	*	*	-	-	0.4
71	-	-	-	-	-	*	*	*	-	-	-	-	-	-	-
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	*	-	-	-	-	-	0.1
22	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
32	*	-	-	*	*	*	*	*	*	*	*	-	-	-	*
42	*	*	-	-	*	*	*	0.1	0.5	2.3	0.6	*	*	-	3.5
52	-	-	-	-	*	*	*	0.1	0.5	1.8	0.7	*	*	-	3.0
62	-	-	-	*	*	*	*	*	0.3	0.4	0.1	*	-	-	0.9
Spotted:															
13	-	-	-	-	-	-	-	-	0.1	0.1	*	*	-	-	0.3
23	-	-	-	-	-	-	-	*	*	*	*	*	-	-	*
33	-	-	-	*	*	-	*	*	*	*	*	*	-	-	*
43	-	-	-	-	*	*	*	0.1	0.2	*	*	*	-	-	0.3
53	-	-	-	-	*	*	*	0.1	0.3	*	*	*	*	-	0.4
63	*	-	*	*	*	*	*	*	0.1	0.1	*	*	-	*	0.2
Tinged:															
24	-	-	-	-	-	-	-	-	*	*	-	-	-	-	0.1
34	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
44	-	-	*	*	*	*	*	*	*	*	*	-	-	-	*
54	-	-	*	*	*	*	*	*	*	*	*	*	-	*	0.1
Stained:															
25	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
35	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
26	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
36	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
46	-	-	-	-	*	*	*	*	*	0.1	*	-	-	*	0.2
Gray:															
17	-	-	-	-	-	-	-	-	-	0.1	*	-	-	*	0.1
27	-	-	-	-	-	-	-	-	*	*	*	-	-	-	-
37	-	-	-	-	*	-	*	*	*	*	*	-	-	-	*
47	-	-	-	-	*	-	*	*	*	*	*	-	-	*	*
Below Grade <u>2/</u>	-	-	*	*	*	*	*	*	*	*	*	-	*	-	0.1
All grades	*	*	*	*	*	*	0.1	0.5	7.2	65.6	26.5	0.1	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.1	0.4	1.4	2.0	94.0	1.9	0.3	42

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	*	*	0.1	0.5	2.2	11.4	34.6	37.0	14.2	29.4

^{1/} Ginnings, Bureau of the Census, 2,835,737 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 36.2
Percent tenderable. 86.6
Percent Average Rule Used (ARU) . . . 0.1
Percent grade reductions. 3.6

Table 7-d. -- Georgia: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	0.1	0.2	-	-	-	-	0.3
30	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
31	*	-	-	-	-	-	-	0.3	3.1	2.6	0.1	-	-	-	6.1
40	-	-	-	-	-	-	-	0.1	2.0	1.9	0.1	*	-	-	4.1
41	-	-	-	-	-	*	0.1	1.2	14.3	13.9	0.5	*	-	-	30.0
50	-	-	-	-	-	*	0.1	3.4	4.8	0.2	-	-	-	-	8.5
51	-	-	-	-	*	*	0.2	2.2	17.8	12.9	0.5	*	*	-	33.6
60	-	-	-	-	-	-	-	0.3	0.3	*	*	-	-	-	0.7
61	-	-	-	-	*	*	*	0.4	2.8	2.2	0.1	*	-	-	5.6
70	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
71	-	-	-	-	-	*	*	0.1	0.2	0.1	-	-	-	-	0.5
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	*	*	-	-	-	-	-
32	-	-	-	-	*	-	*	-	0.2	0.1	*	-	-	-	0.3
42	-	-	-	-	*	*	-	0.3	1.6	1.1	*	*	-	-	3.1
52	-	-	-	-	*	*	0.1	0.4	2.4	2.0	0.1	-	-	-	5.0
62	-	-	-	*	-	*	-	0.1	0.5	0.4	*	-	-	-	1.0
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	*	*	*	*	-	-	-	-	-
43	-	-	-	-	-	-	-	*	0.1	0.1	-	-	-	-	0.2
53	-	-	-	-	-	*	*	*	*	0.1	-	-	-	-	0.1
63	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	*	*	*	-	-	-	-	-
54	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	*	-	-	-	-	*	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-
36	-	-	-	-	-	*	*	0.1	0.3	0.1	-	-	-	-	0.6
46	-	-	-	-	-	*	*	*	0.1	*	-	-	-	-	0.1
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
47	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Below Grade ^{2/}	-	-	-	*	*	*	*	*	0.1	*	*	-	-	-	0.1
All grades	*	-	-	*	*	*	0.5	5.6	49.5	42.7	1.7	*	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	0.2	1.1	2.3	92.6	2.9	0.7	42

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	0.2	0.9	8.3	32.0	38.5	17.1	2.7	0.3	25.9

^{1/} Ginnings, Bureau of the Census, 269,482 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 35.4

Percent tenderable. 73.0

Percent Average Rule Used (ARU) 2.1

Percent grade reductions. 8.7

Table 7-e. -- Louisiana: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	*	*	-	-	-	*
21	-	-	-	-	-	*	*	*	*	0.1	*	-	-	-	0.2
30	-	-	-	-	-	-	-	*	*	*	*	*	-	-	*
31	-	-	-	-	*	*	*	0.2	1.8	3.2	0.3	*	*	*	5.5
40	-	-	-	-	*	*	*	0.1	1.1	3.2	0.5	*	*	*	5.0
41	*	-	*	-	*	*	*	0.2	3.4	13.2	3.1	0.1	*	*	20.1
50	-	-	-	-	-	-	*	*	0.3	1.3	0.5	*	*	*	2.1
51	-	-	-	-	*	*	*	0.1	2.0	5.7	0.8	*	*	*	8.7
60	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
61	-	-	-	-	*	*	*	*	0.2	0.3	*	*	*	-	0.7
70	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
71	-	-	-	-	*	*	*	*	0.1	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
32	-	-	-	-	*	*	*	*	0.2	0.3	*	*	*	-	0.5
42	-	*	-	-	*	*	*	0.4	3.1	7.4	1.5	0.1	*	*	12.5
52	*	*	*	*	*	*	0.2	1.3	12.0	20.4	1.8	*	*	*	35.7
62	*	-	-	-	*	*	0.1	0.3	1.7	2.2	0.2	*	*	*	4.4
Spotted:															
13	-	-	-	-	-	-	-	-	-	*	*	-	-	-	*
23	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
43	-	-	-	-	*	*	*	*	0.2	0.3	*	*	*	*	0.7
53	-	-	-	-	*	*	*	0.2	0.9	1.1	0.1	*	*	-	2.3
63	*	-	-	-	*	*	*	0.1	0.3	0.3	*	*	-	-	0.6
Tinged:															
24	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
34	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
44	-	-	-	-	-	-	*	*	*	*	*	*	-	*	*
54	-	-	-	-	-	-	*	*	0.1	*	*	*	-	-	0.1
Stained:															
25	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
35	-	-	-	-	-	*	-	-	*	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
26	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
36	-	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1
46	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
37	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
47	-	-	-	-	*	-	*	*	*	*	-	-	-	-	*
Below Grade ^{2/}	-	-	-	-	*	*	*	*	0.2	0.1	*	-	-	-	0.4
All grades	*	*	*	*	*	0.1	0.4	3.0	27.7	59.4	9.0	0.4	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	0.2	0.7	0.9	94.5	3.3	0.4	43

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	0.1	0.2	2.4	11.9	40.2	37.9	6.3	0.8	0.2	25.2

^{1/} Ginnings, Bureau of the Census, 1,028,565 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 35.8

Percent tenderable. 38.8

Percent Average Rule Used (ARU) . . . 1.6

Percent grade reductions. 5.0

Table 7-f. -- Mississippi: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
21	-	*	-	*	*	*	*	0.1	0.5	0.4	*	*	*	*	1.0
30	-	-	*	-	-	*	*	*	*	*	*	*	*	-	0.1
31	-	*	-	-	*	*	*	0.3	2.6	3.7	0.5	*	*	*	7.2
40	-	-	*	-	*	*	*	*	0.5	1.0	0.2	*	*	*	1.8
41	*	*	-	*	*	*	*	0.3	2.4	4.7	1.9	0.2	*	*	9.6
50	-	-	-	-	-	*	*	*	0.1	0.4	0.2	*	*	-	0.8
51	*	*	-	*	*	*	0.1	1.0	4.6	3.2	0.8	0.1	*	*	9.8
60	-	-	-	-	-	*	*	*	*	*	*	*	-	-	*
61	-	-	-	-	*	*	*	0.1	0.4	0.2	*	*	*	-	0.7
70	-	-	-	-	-	-	-	*	*	*	*	*	*	-	*
71	-	-	-	-	-	-	*	*	*	*	*	*	*	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	*	*	*	*	*	*	-	*
22	-	-	-	-	-	-	*	*	*	*	*	*	*	-	*
32	-	-	-	-	-	*	*	0.1	0.1	*	*	*	*	*	0.3
42	*	*	-	*	*	*	0.2	1.9	7.8	4.8	1.2	0.1	*	*	16.0
52	*	*	*	*	*	0.1	0.5	4.5	22.1	17.3	2.7	0.1	*	*	47.3
62	*	-	-	*	*	*	0.1	0.5	1.9	0.9	0.1	*	*	-	3.5
Spotted:															
13	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
23	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
33	-	-	-	-	*	-	*	*	*	*	*	-	-	-	*
43	-	-	-	-	*	*	*	0.1	0.2	0.1	*	*	*	*	0.4
53	-	-	-	-	*	*	*	0.1	0.5	0.3	0.1	*	*	*	1.0
63	-	-	-	-	-	*	*	0.1	*	*	*	*	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
34	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
44	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
54	-	-	-	-	-	*	*	*	*	*	*	*	-	-	*
Stained:															
25	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
35	-	-	-	-	-	-	-	*	*	*	*	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
36	-	-	-	-	*	*	*	0.1	0.1	*	*	*	-	*	0.2
46	-	-	-	-	*	*	*	*	*	*	*	-	-	-	0.1
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
47	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
Below Grade <u>2/</u>	-	-	*	*	*	*	*	*	0.1	*	*	*	-	-	0.2
All grades	*	*	*	*	*	0.2	1.0	9.1	43.9	37.4	7.8	0.5	0.1	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.2	1.2	3.8	5.3	88.2	1.2	0.2	40

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	0.2	1.2	8.1	30.6	39.1	18.0	2.6	0.2	*	24.0

1/ Ginnings, Bureau of the Census, 1,597,170 running bales.
2/ Lower in grade than the lowest grades of the official standards.
 * Less than 0.05 percent.

Average staple. 35.4
 Percent tenderable. 27.2
 Percent Average Rule Used (ARU) . 3.4
 Percent grade reductions. 4.1

Table 7-g. -- Missouri: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	*	0.1	0.1	-	-	-	0.1
30	-	-	-	-	-	-	-	-	-	-	*	-	-	-	*
31	*	-	-	-	*	*	*	0.1	1.2	3.2	1.4	0.1	*	-	6.0
40	-	-	-	-	-	-	-	*	0.3	0.7	0.4	*	-	-	1.4
41	-	-	-	-	-	*	*	0.5	5.0	11.7	6.3	0.5	*	*	24.1
50	-	-	-	-	-	-	-	*	0.1	0.5	0.5	0.1	*	-	1.1
51	-	-	-	-	*	*	0.1	1.3	9.7	13.7	2.9	0.2	*	-	27.9
60	-	-	-	-	-	-	-	-	*	*	*	*	-	-	*
61	-	-	-	-	-	*	*	*	0.2	0.1	*	*	-	-	0.3
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
32	-	-	-	-	-	*	*	0.1	0.5	1.0	0.5	*	*	-	2.0
42	-	-	-	-	-	*	0.1	0.9	4.3	6.2	3.2	0.4	*	*	15.1
52	-	-	-	*	*	*	0.2	1.7	8.1	7.9	1.4	0.1	*	-	19.3
62	-	-	-	-	*	*	*	0.2	0.5	0.2	*	*	-	-	0.9
Spotted:															
13	-	-	-	-	-	-	-	-	-	*	*	-	-	-	*
23	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
33	-	-	-	-	-	-	-	*	*	*	*	-	*	-	*
43	-	-	-	-	-	-	-	*	0.1	0.1	0.1	*	*	-	0.3
53	-	-	-	-	-	*	*	*	0.1	0.1	*	*	*	*	0.3
63	-	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
44	-	-	-	-	-	-	-	-	*	-	*	-	-	-	*
54	-	-	-	-	-	-	-	*	-	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
36	-	-	-	-	-	-	*	0.1	0.5	0.3	*	-	-	-	0.9
46	-	-	-	-	-	-	-	*	*	*	-	-	-	-	0.1
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	*	-	*	-	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
Below Grade ^{2/}	-	-	-	-	*	*	*	*	*	*	*	*	-	-	0.1
All grades	*	-	-	*	*	0.1	0.4	5.0	30.6	45.8	16.8	1.3	0.1	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	0.2	1.0	1.6	94.8	2.1	0.2	42

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	*	*	0.7	10.7	38.0	34.4	12.6	3.1	0.5	25.7

^{1/} Ginnings, Bureau of the Census, 185,700 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 35.8
Percent tenderable. 59.9
Percent Average Rule Used (ARU) 1.4
Percent grade reductions. 1.0

Table 7-h. -- New Mexico: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	*	-	-	-	*	-	-	-	-	*
21	-	-	-	-	-	-	-	*	*	0.1	0.1	*	-	*	0.2
30	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
31	-	-	*	*	*	*	0.1	0.2	0.5	1.3	3.4	1.6	0.3	*	7.5
40	-	-	-	-	*	*	*	0.1	0.1	0.3	1.3	1.1	0.2	*	3.1
41	*	*	*	0.1	0.2	0.5	0.8	1.2	2.1	4.2	13.8	9.0	1.7	0.1	33.6
50	-	-	*	*	*	*	0.1	0.2	0.5	0.8	2.1	1.6	0.2	*	5.6
51	*	*	*	0.2	0.5	1.1	2.2	3.0	2.8	2.9	3.3	2.0	0.4	*	18.3
60	-	-	*	*	*	*	*	*	*	*	*	*	*	-	0.1
61	-	*	*	*	0.2	0.5	0.8	1.5	1.5	1.0	0.9	0.3	*	-	6.6
70	-	-	-	*	*	*	*	-	-	*	*	-	-	-	*
71	-	-	-	*	*	*	*	0.1	0.1	0.1	0.1	*	*	-	0.6
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	*	-	-	*	-	-	-	*
32	*	*	*	*	*	*	*	*	0.1	0.2	0.4	0.3	*	*	1.1
42	*	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	1.1	2.1	2.1	0.5	0.1	8.8
52	*	0.1	0.2	0.5	0.9	0.8	1.1	1.6	1.5	1.2	1.0	0.1	0.2	*	10.2
62	*	*	*	0.1	0.2	0.2	0.3	0.6	0.4	0.2	0.2	0.1	*	*	2.3
Spotted:															
13	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
23	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
33	-	*	*	*	*	-	-	-	*	*	*	*	-	-	*
43	-	*	*	*	*	*	*	*	*	0.1	0.2	0.1	*	*	0.5
53	-	*	*	*	*	*	0.1	0.1	0.1	*	*	*	*	*	0.4
63	-	-	*	-	*	*	*	*	*	*	*	*	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	*	-	*	-	-	-	*
44	-	-	-	-	-	-	-	-	*	*	*	*	*	-	*
54	-	-	-	-	-	-	-	-	-	-	-	*	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
46	-	-	-	-	-	-	-	-	-	-	*	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	*	-	-	-	-	*	*
47	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
Below Grade <u>2/</u>	-	-	*	*	*	*	0.1	0.2	0.3	0.3	0.1	*	*	*	1.0
All grades	*	0.2	0.5	1.3	2.4	3.6	6.0	9.3	10.8	13.8	29.0	19.1	3.6	0.4	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	4.0	12.8	19.1	16.2	47.9	*	*	34

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	*	0.3	1.9	6.8	16.0	26.9	27.5	15.1	5.6	27.2

1/ Ginnings, Bureau of the Census, 78,136 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 35.9

Percent tenderable. 36.3

Percent Average Rule Used (ARU) 3.0

Percent grade reductions. 25.2

Table 7-i. -- North Carolina: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
30	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
31	-	-	-	-	-	-	*	*	0.3	0.9	0.1	-	-	-	1.3
40	-	-	-	-	-	-	-	*	0.3	0.9	0.1	*	-	-	1.4
41	-	-	-	-	-	-	*	1.0	7.4	12.7	2.0	*	-	-	23.2
50	-	-	-	-	-	-	*	0.2	1.7	3.1	0.7	*	-	-	5.8
51	-	-	-	-	-	*	0.1	1.9	10.6	13.7	2.1	*	-	-	28.3
60	-	-	-	-	-	-	*	*	0.3	0.3	*	-	-	-	0.6
61	-	-	-	-	-	-	*	0.4	2.1	1.8	0.2	*	-	-	4.6
70	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
71	-	-	-	-	-	*	*	*	0.1	0.1	*	-	-	-	0.3
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	*	*	0.3	0.4	0.1	*	-	-	0.8
42	-	-	-	-	-	-	*	*	0.5	3.5	8.2	1.6	*	-	13.8
52	-	-	-	-	-	*	*	0.8	4.4	8.2	1.4	*	-	-	14.8
62	-	-	-	-	-	*	*	0.2	0.9	1.6	0.4	*	-	-	3.1
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
33	-	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	0.1
43	-	-	-	-	-	-	*	0.1	0.3	0.3	0.1	-	-	-	0.7
53	-	-	-	-	-	-	*	0.1	0.2	0.2	0.1	*	-	-	0.6
63	-	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	0.2
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
44	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
54	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
35	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
36	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
46	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
47	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Below Grade ^{2/}	-	-	-	-	*	*	*	0.1	0.2	0.1	*	-	-	-	0.4
All grades	-	-	-	-	*	*	0.2	5.4	32.8	52.5	9.0	0.1	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	1.0	4.7	6.8	87.5	*	*	38

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	0.1	0.2	2.3	17.1	47.8	26.7	5.3	0.6	26.8

^{1/} Ginnings, Bureau of the Census, 117,725 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 35.6

Percent tenderable. 49.0

Percent Average Rule Used (ARU) . 4.0

Percent grade reductions. 16.5

Table 7-j. -- Oklahoma: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	*	*	*	*	*	-	-	-	-	-	-	■
21	-	-	-	*	■	■	■	0.2	0.3	0.4	0.1	*	-	-	1.0
30	-	-	-	-	-	-	■	-	*	*	-	-	-	-	■
31	*	*	*	0.1	0.2	0.2	0.3	1.0	1.6	1.3	0.5	0.1	■	■	5.4
40	-	-	■	*	■	■	0.1	0.2	0.3	0.3	0.1	■	■	-	1.1
41	*	■	0.1	0.3	0.8	0.9	1.2	1.8	1.5	0.8	0.3	■	■	-	7.7
50	-	*	■	*	0.1	0.1	0.1	0.2	0.2	*	*	-	-	-	0.8
51	*	*	*	0.2	0.6	0.9	1.0	1.0	0.6	0.2	0.1	*	-	-	4.6
60	-	-	-	*	■	*	*	-	-	■	-	-	-	-	■
61	-	-	■	*	0.1	0.3	0.3	0.3	0.1	■	■	-	-	-	1.3
70	-	-	-	-	-	-	-	■	-	-	-	-	-	-	■
71	-	-	-	■	*	■	*	*	*	*	-	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	*	*	*	*	■	*	*	*	*	*	-	-	-	0.1
32	*	0.2	0.5	1.1	1.5	0.9	0.5	0.4	0.3	0.2	0.1	*	*	-	5.6
42	0.1	0.7	1.9	5.4	8.5	5.7	3.0	1.9	0.9	0.5	0.1	*	■	*	28.8
52	*	0.2	0.7	2.9	7.2	6.6	4.2	2.6	0.9	0.2	0.1	*	-	-	25.6
62	*	*	0.1	0.4	1.3	1.6	1.3	1.0	0.3	0.1	*	-	-	-	6.2
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	*	■	-	-	-	*	-	-	-	-	-	-	-	■
33	*	0.1	0.1	0.2	0.3	0.2	0.1	0.1	*	*	*	-	-	-	1.1
43	*	0.1	0.3	0.8	1.2	0.8	0.5	0.3	0.1	■	*	-	-	-	4.0
53	*	*	0.1	0.3	1.0	1.0	0.7	0.4	0.1	*	*	-	-	-	3.7
63	*	*	■	*	0.2	0.3	0.2	0.1	*	■	*	-	-	-	0.8
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	*	*	■	0.1	0.1	■	*	*	■	-	*	-	-	-	0.2
44	*	*	0.1	0.2	0.2	0.1	0.1	*	*	-	-	-	-	-	0.7
54	*	*	*	0.1	0.2	0.1	0.1	*	*	-	-	-	-	-	0.5
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	*	-	*	*	■	-	-	-	-	-	-	-	-	■
Lt. Gray:															
16	-	-	-	-	■	-	-	-	-	-	-	-	-	-	■
26	-	-	-	-	-	*	*	*	■	-	-	-	-	-	*
36	*	-	-	-	-	-	-	-	-	-	-	-	-	-	■
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade <u>2</u> /	*	■	*	0.1	0.1	0.2	0.1	0.1	0.1	*	■	-	-	-	0.7
All grades	0.2	1.4	3.9	12.3	23.7	19.9	13.8	11.7	7.4	4.2	1.4	0.1	■	■	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	8.8	12.2	16.2	13.3	49.4	0.1	*	34

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	0.1	0.4	2.7	12.8	29.5	31.5	16.4	5.1	1.5	25.8

^{1/} Ginnings, Bureau of the Census, 176,219 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 32.2

Percent tenderable. 9.6

Percent Average Rule Used (ARU) 5.1

Percent grade reductions. 31.5

Table 7-k. -- South Carolina: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	*	■	-	-	-	-	■
21	-	-	-	-	-	-	-	■	*	*	*	-	-	-	■
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	0.1	1.3	3.0	0.3	*	-	-	4.7
40	-	-	-	-	-	-	-	■	1.0	3.8	0.6	*	■	-	5.4
41	-	-	-	-	-	■	■	0.8	7.6	23.2	5.1	0.1	*	-	36.9
50	-	-	-	-	-	-	*	0.1	1.2	4.4	1.1	*	-	-	6.9
51	-	-	-	-	-	■	0.1	1.0	5.4	10.6	2.7	0.1	-	-	19.8
60	-	-	-	-	-	-	-	-	*	*	*	-	-	-	0.1
61	-	-	-	-	*	*	■	0.3	0.9	0.9	0.1	*	-	-	2.3
70	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
71	-	-	-	-	-	*	*	■	0.1	*	*	-	-	-	0.2
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	*	*	-	-	-	-	■
32	-	-	-	-	-	-	-	*	0.3	0.4	*	*	-	-	0.7
42	-	-	-	-	-	-	*	0.3	2.0	6.5	2.0	0.1	-	-	10.9
52	-	-	-	-	■	■	*	0.4	2.0	4.9	1.2	*	-	-	8.6
62	-	-	-	-	*	*	*	0.2	0.5	1.0	0.2	*	-	-	2.0
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	■	*
23	-	-	-	-	*	-	-	-	*	-	-	-	-	-	*
33	-	-	-	-	-	-	■	■	*	■	*	-	-	-	*
43	-	-	-	-	-	-	■	*	0.2	0.1	*	-	-	-	0.4
53	-	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	0.2
63	-	-	-	-	-	-	■	■	*	■	*	*	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	■	-	-	-	-	-	-	■
44	-	-	-	-	-	-	-	■	*	*	-	-	-	-	*
54	-	-	-	-	-	*	*	■	*	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
35	-	-	-	-	-	-	-	*	-	-	-	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	■	*	0.1	*	-	-	-	0.2
36	-	-	-	-	-	-	*	0.1	0.1	0.1	*	-	-	-	0.3
46	-	-	-	-	-	-	*	■	*	*	*	-	-	-	0.1
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	■	■	*	-	-	-	*
37	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
47	-	-	-	-	-	-	■	*	*	-	-	-	-	-	*
Below Grade <u>2</u> / ₁	-	-	-	-	*	-	*	■	0.1	0.1	*	*	-	-	0.2
All grades	-	-	-	-	*	*	0.3	3.5	23.0	59.3	13.5	0.3	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.1	1.2	5.7	7.6	85.4	*	*	38

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	-	0.3	3.1	29.5	45.3	18.9	2.7	0.2	26.3

^{1/} Ginnings, Bureau of the Census, 156,215 running bales.
^{2/} Lower in grade than the lowest grades of the official standards.
 * Less than 0.05 percent.

Average staple. 35.8
 Percent tenderable. 61.8
 Percent Average Rule Used (ARU) . 1.2
 Percent grade reductions. 12.2

Table 7-1. -- Tennessee: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
21	-	-	-	-	-	-	-	*	0.1	*	-	-	-	-	0.1
30	-	-	-	-	-	-	-	-	1.6	*	-	-	-	-	*
31	-	-	-	-	-	-	-	*	0.2	1.6	0.8	*	-	-	2.6
40	-	-	-	-	-	-	-	*	*	0.4	0.3	*	-	-	0.7
41	-	-	-	-	-	*	0.1	1.7	6.2	3.0	*	-	-	-	11.0
50	-	-	-	-	-	*	*	0.1	0.4	0.2	*	-	-	-	0.7
51	-	-	-	-	-	*	0.1	1.3	1.9	0.5	*	-	-	-	3.8
60	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
61	-	-	-	-	-	-	-	*	0.1	0.1	*	-	-	-	0.3
70	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
71	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
22	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
32	-	-	-	-	-	*	*	0.3	0.6	0.2	*	*	-	-	1.2
42	-	-	-	-	*	0.1	1.7	19.4	18.3	3.3	*	*	-	-	42.8
52	-	-	-	-	*	0.1	1.8	13.6	11.6	1.9	*	*	-	-	29.0
62	-	-	-	-	*	0.1	0.4	1.4	0.8	0.1	*	-	-	-	2.8
Spotted:															
13	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
23	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
33	-	-	-	-	-	*	*	0.1	*	*	*	-	-	-	0.1
43	-	-	-	-	-	*	0.1	0.8	0.7	0.1	*	-	-	-	1.8
53	-	-	-	-	*	*	0.2	0.8	0.7	0.1	*	-	-	-	1.9
63	-	-	-	-	*	*	0.1	0.2	0.1	*	-	-	-	-	0.4
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
54	-	-	-	-	*	*	*	*	*	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	*	-	-	*	-	-	-	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
36	-	-	-	-	-	*	*	*	0.1	*	-	-	-	-	0.1
46	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade ^{2/}	-	-	-	*	*	*	0.1	0.2	*	*	-	-	-	-	0.4
All grades	-	-	-	*	*	0.3	4.7	40.5	43.7	10.6	0.2	*	-	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.3	1.6	4.6	4.3	86.2	2.5	0.6	41

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	0.1	1.6	11.9	40.6	35.8	8.8	1.2	0.1	25.3

^{1/} Ginnings, Bureau of the Census, 326,065 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 34.6

Percent tenderable. 17.0

Percent Average Rule Used (ARU) . 2.6

Percent grade reductions. 4.2

Table 7-m. -- Texas: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1984-85 ^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	*	*	*	*	*	*	*	*	*	*	*	-	-	-	*
21	*	*	*	0.1	0.2	0.2	0.1	0.1	0.1	0.1	*	*	*	-	0.9
30	-	*	*	*	*	*	*	*	*	*	*	*	-	*	0.1
31	*	*	0.1	0.5	1.3	1.5	1.3	1.6	1.2	0.5	0.1	*	*	*	8.1
40	*	*	*	0.1	0.2	0.3	0.3	0.5	0.5	0.3	0.1	*	*	*	2.4
41	*	0.1	0.4	1.3	2.7	2.9	3.2	4.0	2.5	0.9	0.2	*	*	*	18.3
50	*	*	*	0.1	0.2	0.2	0.2	0.2	0.2	0.1	*	*	*	*	1.3
51	*	0.1	0.3	1.1	2.6	2.9	2.9	2.5	1.3	0.6	0.2	*	*	*	14.3
60	-	*	*	*	*	*	*	*	*	*	*	-	-	-	*
61	*	*	*	0.1	0.4	0.5	0.6	0.5	0.3	0.1	*	*	*	*	2.6
70	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
71	-	*	*	*	*	*	*	*	*	*	*	*	*	-	0.1
Lt. Spotted:															
12	-	-	-	*	*	*	-	*	*	-	-	-	-	-	*
22	*	*	*	*	0.1	*	*	*	*	*	*	-	*	-	0.2
32	*	0.1	0.3	0.8	1.0	0.7	0.4	0.3	0.2	0.1	*	*	*	-	4.0
42	0.1	0.5	1.2	3.5	5.2	3.8	2.8	2.0	1.0	0.4	0.1	*	*	*	20.5
52	*	0.3	0.8	2.7	4.9	4.3	3.7	2.8	1.2	0.5	0.2	*	*	*	21.3
62	*	*	0.1	0.2	0.6	0.7	0.8	0.7	0.3	0.1	*	*	*	*	3.5
Spotted:															
13	-	-	-	*	*	*	*	*	-	-	-	-	-	-	*
23	-	*	*	*	*	*	*	*	*	*	*	-	-	-	*
33	*	*	*	*	0.1	*	*	*	*	*	*	*	-	-	0.2
43	*	*	*	0.1	0.2	0.1	0.1	0.1	*	*	*	*	*	*	0.7
53	*	*	*	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	0.7
63	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.2
Tinged:															
24	-	-	*	-	-	*	*	*	-	-	-	-	-	-	*
34	*	*	*	*	*	*	*	*	*	*	*	-	-	-	*
44	*	*	*	*	*	*	*	*	*	*	*	-	*	-	*
54	*	*	*	*	*	*	*	*	*	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	*	*	*	-	-	-	-	-	-	*
35	-	-	*	*	*	-	-	*	*	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	*	-	*	*	-	-	-	*
26	-	-	*	*	*	*	*	*	*	*	*	-	-	-	*
36	-	-	*	*	*	*	*	*	*	*	*	*	-	*	*
46	-	-	*	*	*	*	*	*	*	*	*	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	*	*	*	*	*	*	*	-	-	*	*
37	-	-	-	*	*	*	*	*	*	*	*	-	-	*	*
47	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
Below Grade ^{2/}	*	*	*	*	0.1	0.1	0.1	0.1	*	*	*	*	*	*	0.3

All grades	0.2	1.2	3.2	10.8	19.8	18.5	16.8	15.6	8.9	3.7	1.0	0.2	*	*	100.0
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Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	7.4	18.5	23.2	12.1	37.5	1.0	0.3	34

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	0.1	1.0	5.2	18.0	34.2	27.4	10.4	2.9	0.8	25.1

^{1/} Ginnings, Bureau of the Census, 3,564,781 running bales.

^{2/} Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple. 32.4

Percent tenderable. 15.2

Percent Average Rule Used (ARU) . . . 3.9

Percent grade reductions. 31.6

Table 8. -- Percentage distribution of grade and staple for upland cotton classed through specified periods, by states, 1984-85

ALABAMA						ARIZONA					
Grade and Staple	Prior to				Crop	Prior to				Crop	
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1		
Grade White:											
11	*	■	*	■	■	*	*	*	■	*	
21	0.3	1.6	1.0	0.8	0.8	19.5	4.1	3.0	2.7	2.5	
30	-	*	*	*	■	0.9	*	*	■	*	
31	18.2	21.1	12.8	10.3	10.1	59.4	59.2	59.5	53.7	49.5	
40	19.9	16.9	10.1	8.1	7.9	1.1	0.9	1.5	1.5	1.4	
41	50.2	39.6	28.7	25.8	26.1	9.2	21.3	19.4	19.2	18.6	
50	5.8	7.0	4.7	4.0	3.9	-	0.4	0.4	0.6	0.6	
51	2.5	3.8	5.9	8.1	8.4	0.3	0.6	0.7	1.0	1.8	
60	-	0.1	0.1	0.2	0.2	-	*	*	*	*	
61	0.1	0.2	0.4	0.5	0.6	*	*	0.1	0.1	0.5	
70	-	*	*	*	*	-	-	-	-	*	
71	*	*	*	*	■	-	*	■	■	0.1	
Total	97.0	90.3	63.7	57.8	58.0	90.4	86.5	84.6	78.8	75.0	
Light Spotted:											
12	-	-	-	-	-	-	-	-	*	*	
22	-	*	*	■	■	0.1	0.1	0.1	0.1	0.1	
32	0.4	0.8	0.6	0.6	0.5	2.8	8.4	9.6	12.3	11.9	
42	2.0	5.6	9.9	10.4	10.5	0.9	3.3	3.4	4.9	5.2	
52	0.4	1.9	20.7	24.9	24.7	2.8	0.9	1.2	1.8	2.2	
62	*	0.1	2.2	3.1	3.1	1.4	0.4	0.6	0.8	1.3	
Total	2.8	8.4	33.4	39.0	38.8	8.0	13.1	14.9	19.9	20.7	
Spotted:											
13	-	*	*	■	*	-	*	*	*	*	
23	-	*	*	*	*	-	■	*	*	*	
33	*	0.1	0.1	0.1	0.1	-	*	*	0.2	0.4	
43	*	0.5	1.0	1.0	1.0	-	0.1	0.1	0.3	0.6	
53	0.1	0.4	1.3	1.5	1.5	0.8	0.1	0.1	0.2	0.4	
63	*	*	0.3	0.3	0.3	0.6	0.1	0.2	0.2	0.4	
Total	0.1	1.0	2.7	2.9	2.9	1.4	0.3	0.4	0.9	1.8	
Tinged:											
24	-	*	*	*	■	-	-	-	-	*	
34	*	*	*	*	■	-	*	*	■	*	
44	-	*	*	*	*	-	*	■	*	0.1	
54	-	*	*	*	■	-	*	*	■	0.1	
Total	*	*	*	*	*	-	*	*	*	0.2	
Stained:											
All grades	*	*	■	*	*	-	-	*	*	*	
Light Gray:											
All grades	-	*	■	0.1	0.1	-	*	*	■	0.2	
Gray:											
All grades	-	-	*	*	*	-	-	-	■	*	
Below Grade 1/	-	*	0.1	0.1	0.1	0.1	0.1	0.1	0.3	1.7	
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Staple											
26 & shorter	*	*	*	*	*	-	*	*	*	*	
28	-	-	-	-	-	-	*	*	■	*	
29	-	-	-	-	-	-	*	*	*	*	
30	-	*	*	*	*	0.3	0.1	0.1	0.1	0.1	
31	*	*	*	*	*	1.1	0.1	0.1	0.1	0.2	
32	0.1	0.1	0.2	0.4	0.4	2.9	0.4	0.4	0.4	0.6	
33	3.8	0.8	2.9	4.9	4.9	1.5	0.6	0.8	0.9	1.6	
34	53.1	10.3	16.6	21.0	21.0	8.7	3.9	4.2	4.2	6.5	
35	39.9	49.2	47.6	46.9	47.4	53.2	52.2	51.9	45.6	45.4	
36	3.0	37.9	31.3	25.7	25.2	31.8	41.3	41.0	47.1	44.2	
37	-	1.8	1.4	1.1	1.1	0.4	1.3	1.3	1.5	1.4	
38	-	*	■	■	*	-	■	0.1	0.1	0.1	
39	*	*	■	■	*	-	■	*	■	*	
40 & longer	*	*	*	■	■	-	■	*	*	■	
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Average staple	34.4	35.3	35.1	35.0	35.0	35.1	35.4	35.4	35.4	35.3	
Ginnings 2/	42,914	217,140	383,840	418,073	425,122	9,599	336,719	752,505	929,477	1,035,639	

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

ARKANSAS						CALIFORNIA					
Grade and Staple	Prior to				Crop	Prior to				Crop	
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1		
Grade White:											
11	-	-	-	*	*	-	0.1	*	*	*	
21	-	0.1	*	*	*	6.6	14.4	7.8	6.7	6.5	
30	-	*	*	*	*	0.1	0.5	0.2	0.2	0.2	
31	4.9	8.2	2.5	1.8	1.8	85.9	64.8	61.6	59.5	58.4	
40	5.9	5.3	1.6	1.2	1.2	0.3	4.0	4.6	4.3	4.2	
41	65.1	39.8	14.6	10.8	10.7	2.9	11.7	18.1	18.5	18.5	
50	6.3	4.6	1.5	1.1	1.1	-	0.2	0.3	0.3	0.3	
51	1.0	3.5	10.7	10.5	10.4	0.1	0.6	1.3	2.1	2.3	
60	-	*	*	*	*	-	*	*	*	*	
61	*	*	0.1	0.2	0.2	-	*	0.1	0.3	0.4	
70	-	-	*	*	*	-	-	-	-	-	
71	-	*	*	*	*	-	*	*	0.1	0.1	
Total	83.2	61.5	31.0	25.6	25.4	95.9	96.3	94.0	92.0	90.9	
Light Spotted:											
12	-	-	-	-	-	-	*	*	*	*	
22	-	*	*	*	*	-	0.1	0.1	*	*	
32	1.3	3.4	1.1	0.8	0.8	3.9	2.2	2.4	3.1	3.5	
42	14.7	25.4	24.8	22.6	22.3	-	1.2	2.4	2.9	3.0	
52	0.6	8.6	40.1	46.7	46.7	0.2	0.1	0.6	0.8	0.9	
62	-	0.2	1.4	2.4	2.7	-	*	0.1	0.2	0.3	
Total	16.6	37.6	67.4	72.5	72.5	4.1	3.6	5.6	7.0	7.7	
Spotted:											
13	-	*	*	*	*	-	*	*	*	*	
23	-	*	*	*	*	-	*	*	*	*	
33	*	0.1	*	*	*	-	*	*	0.2	0.3	
43	0.1	0.4	0.4	0.5	0.6	-	*	0.1	0.3	0.4	
53	*	0.2	0.7	0.8	0.9	-	*	0.1	0.2	0.2	
63	-	*	0.1	0.1	0.2	-	*	*	0.1	0.1	
Total	0.1	0.7	1.2	1.4	1.7	-	*	0.2	0.8	1.0	
Tinged:											
24	-	*	*	*	*	-	*	*	*	*	
34	-	*	*	*	*	-	*	*	*	*	
44	-	*	*	*	*	-	*	*	*	0.1	
54	-	-	*	*	*	-	*	*	*	*	
Total	-	*	*	*	*	-	*	*	*	0.1	
Stained:											
All grades	-	-	*	*	*	-	*	*	*	*	
Light Gray:											
All grades	-	0.1	0.3	0.2	0.3	0.1	*	*	0.1	0.3	
Gray:											
All grades	-	*	*	*	*	-	*	*	*	*	
Below Grade 1/											
	*	*	*	0.1	0.2	-	*	*	*	0.1	
All grades											
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Staple											
26 & shorter	-	*	*	*	*	-	*	*	*	*	
28	-	-	*	*	*	-	-	-	*	*	
29	-	*	*	*	*	-	*	*	*	*	
30	-	*	*	*	*	-	*	*	*	*	
31	-	-	-	*	*	-	*	*	*	*	
32	-	*	*	*	*	*	*	*	*	*	
33	*	*	0.2	0.3	0.3	0.1	*	*	*	0.1	
34	0.6	0.8	2.9	5.3	5.6	0.4	0.1	0.2	0.3	0.5	
35	9.4	10.8	26.4	35.4	35.7	25.8	3.3	5.1	6.5	7.2	
36	44.8	45.0	49.7	43.0	42.6	73.1	61.7	64.9	65.8	65.6	
37	39.5	38.1	18.8	14.4	14.2	0.4	34.6	29.7	27.2	26.5	
38	5.1	4.8	1.8	1.3	1.3	-	0.3	0.2	0.1	0.1	
39	0.5	0.5	0.2	0.1	0.1	-	*	*	*	*	
40 & longer	*	0.1	*	*	*	-	*	*	*	*	
All staples											
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Average staple											
	36.4	36.4	35.9	35.7	35.7	35.7	36.3	38.3	36.2	36.2	
Ginnings 2/											
	27,868	157,415	521,232	589,284	598,312	22,641	1,174,022	2,327,558	2,750,958	2,835,737	

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

GEORGIA						LOUISIANA					
Grade and Staple	Prior to				Crop	Prior to				Crop	
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1		
Grade						Grade					
White:						White:					
11	-	-	-	-	-	-	-	*	*	*	
21	4.3	0.6	0.3	0.3	0.3	0.6	0.5	0.3	0.2	0.2	
30	*	*	*	*	*	0.3	*	*	*	*	
31	33.8	13.0	7.5	6.2	6.1	17.1	13.1	7.2	5.6	5.5	
40	14.8	9.2	5.2	4.1	4.1	9.8	11.9	6.6	5.1	5.0	
41	29.9	46.3	33.2	30.3	30.0	53.4	45.6	25.8	20.5	20.1	
50	2.6	13.6	10.0	8.6	8.5	6.8	5.0	2.8	2.2	2.1	
51	3.1	13.0	29.1	33.4	33.6	5.4	7.0	6.9	8.5	8.7	
60	*	0.2	0.5	0.6	0.7	*	*	*	*	*	
61	*	1.0	4.9	5.6	5.6	*	0.1	0.2	0.5	0.7	
70	-	-	*	*	*	-	-	-	*	*	
71	0.1	*	0.3	0.4	0.5	*	*	*	0.1	0.1	
Total	88.6	96.9	91.0	89.5	89.4	93.4	83.2	49.8	42.7	42.4	
Light Spotted:						Light Spotted:					
12	-	-	-	-	-	-	-	-	-	-	
22	0.1	*	*	*	*	*	*	*	*	*	
32	2.9	0.4	0.3	0.3	0.3	0.7	1.1	0.7	0.5	0.5	
42	5.2	1.6	2.4	3.1	3.1	4.2	11.1	12.8	12.6	12.5	
52	2.4	0.6	4.4	4.9	5.0	1.2	3.8	30.4	35.9	35.7	
62	0.2	0.1	1.0	1.0	1.0	0.2	0.2	2.8	4.2	4.4	
Total	10.8	2.7	8.1	9.3	9.4	6.3	16.2	46.7	53.2	53.1	
Spotted:						Spotted:					
13	-	-	-	-	-	*	*	*	*	*	
23	-	-	-	-	-	*	*	*	*	*	
33	*	*	*	*	*	*	*	*	*	*	
43	*	*	0.1	0.2	0.2	0.1	0.2	0.7	0.7	0.7	
53	0.1	*	0.1	0.1	0.1	0.1	0.1	1.9	2.3	2.3	
63	-	*	*	*	*	*	*	0.4	0.6	0.6	
Total	0.1	*	0.2	0.3	0.3	0.2	0.3	3.0	3.6	3.6	
Tinged:						Tinged:					
24	-	-	-	-	-	-	*	*	*	*	
34	-	*	*	*	*	*	*	*	*	*	
44	-	-	-	*	*	*	*	*	*	*	
54	-	-	*	*	*	*	*	0.1	0.1	0.1	
Total	-	*	*	*	*	*	*	0.1	0.1	0.1	
Stained:						Stained:					
All grades	-	*	*	*	*	-	*	*	*	*	
Light Gray:						Light Gray:					
All grades	0.4	*	0.6	0.7	0.7	*	*	*	*	0.1	
Gray:						Gray:					
All grades	0.1	*	*	*	*	-	*	*	*	*	
Below Grade 1/						Below Grade 1/					
	*	*	0.1	0.1	0.1	*	*	0.2	0.4	0.4	
All grades						All grades					
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Staple						Staple					
26 & shorter	-	-	*	*	*	-	*	*	*	*	
28	-	-	-	-	-	-	-	-	*	*	
29	-	-	-	-	-	*	*	*	*	*	
30	-	-	-	*	*	-	*	*	*	*	
31	*	*	*	*	*	*	*	*	*	*	
32	0.2	*	*	*	*	*	*	0.1	0.1	0.1	
33	0.3	*	0.3	0.5	0.5	0.1	0.1	0.3	0.3	0.4	
34	12.7	1.2	3.5	5.6	5.6	2.4	1.4	2.4	2.6	3.0	
35	56.7	39.1	47.2	49.5	49.5	25.2	19.2	23.7	27.3	27.7	
36	27.0	56.4	46.9	42.7	42.7	60.0	63.1	61.7	60.2	59.4	
37	3.0	3.2	2.0	1.7	1.7	12.1	15.3	11.4	9.1	9.0	
38	-	*	*	*	*	0.2	0.7	0.5	0.4	0.4	
39	-	*	*	*	*	-	0.1	*	*	*	
40 & longer	-	*	*	*	*	*	*	*	*	*	
All staples						All staples					
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Average staple						Average staple					
	35.2	35.6	35.5	35.4	35.4	35.8	35.9	35.8	35.8	35.8	
Ginnings 2/						Ginnings 2/					
	8,481	144,941	232,068	263,735	269,482	128,564	502,252	927,835	1,010,434	1,028,565	

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	MISSISSIPPI				Crop	MISSOURI				Crop
	Prior to	Prior to	Prior to	Prior to		Prior to	Prior to	Prior to	Prior to	
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade										
White:										
11	*	*	*	*	*	-	-	-	-	-
21	6.3	4.1	1.4	1.1	1.0	0.3	0.3	0.1	0.1	0.1
30	0.1	0.3	0.1	0.1	0.1	-	*	*	*	*
31	44.4	28.0	9.9	7.3	7.2	29.6	16.0	7.0	6.1	6.0
40	10.3	7.1	2.6	1.9	1.8	5.6	3.6	1.6	1.4	1.4
41	30.3	30.5	12.2	9.6	9.6	37.3	44.4	27.1	24.3	24.1
50	2.2	2.8	1.1	0.8	0.8	1.3	2.7	1.2	1.1	1.1
51	2.7	6.1	7.0	9.4	9.8	0.4	4.6	26.7	27.8	27.9
60	*	*	*	*	*	-	*	*	*	*
61	0.1	0.2	0.3	0.6	0.7	0.2	*	0.2	0.3	0.3
70	-	-	-	*	*	-	-	-	-	-
71	*	*	*	*	*	*	*	*	*	*
Total	96.4	79.1	34.6	30.8	31.0	74.7	71.6	63.9	61.1	60.9
Light Spotted:										
12	*	*	*	*	*	-	-	-	-	-
22	*	*	*	*	*	0.1	*	*	*	*
32	1.1	0.8	0.4	0.3	0.3	11.7	5.3	2.3	2.1	2.0
42	1.6	10.2	15.4	16.0	16.0	11.2	19.7	15.3	15.1	15.1
52	0.4	9.0	45.5	47.6	47.3	1.0	2.5	16.3	19.3	19.3
62	0.2	0.3	2.5	3.4	3.5	0.3	*	0.5	0.9	0.9
Total	3.3	20.3	63.8	67.3	67.1	24.3	27.5	34.4	37.4	37.3
Spotted:										
13	*	*	*	*	*	-	*	*	*	*
23	0.1	*	*	*	*	-	*	*	*	*
33	*	*	*	*	*	0.1	0.1	*	*	*
43	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.2	0.3	0.3
53	0.1	0.1	0.8	1.0	1.0	0.1	0.1	0.2	0.3	0.3
63	*	*	0.1	0.1	0.1	0.2	*	*	*	0.1
Total	0.3	0.3	1.2	1.5	1.5	0.8	0.6	0.4	0.6	0.7
Tinged:										
24	-	*	*	*	*	-	-	-	-	-
34	*	*	*	*	*	*	-	*	*	*
44	-	*	*	*	*	*	*	*	*	*
54	-	*	*	*	*	*	*	*	*	*
Total	*	*	*	*	*	*	*	*	*	*
Stained:										
All grades	-	*	*	*	*	-	*	*	*	*
Light Gray:										
All grades	-	0.1	0.3	0.3	0.3	-	0.1	1.0	0.9	1.0
Gray:										
All grades	*	*	*	*	*	-	*	*	*	*
Below Grade 1/	*	*	0.1	0.1	0.2	0.3	*	*	*	0.1
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	*	*	*	*	*	*	*	*
28	*	*	*	*	*	-	-	-	-	-
29	-	*	*	*	*	-	-	-	-	-
30	-	*	*	*	*	-	-	-	-	-
31	-	*	*	*	*	*	*	*	*	*
32	*	*	0.1	0.2	0.2	0.3	0.1	*	0.1	0.1
33	0.4	0.2	0.7	0.9	1.0	0.7	0.2	0.2	0.4	0.4
34	5.9	2.4	6.1	9.0	9.1	1.6	1.5	3.5	4.9	5.0
35	60.7	23.1	35.1	43.6	43.9	9.9	14.5	26.3	30.3	30.6
36	27.0	54.1	47.1	37.7	37.4	57.2	47.7	49.1	46.0	45.8
37	5.5	18.2	10.1	7.9	7.8	28.9	32.7	19.3	16.9	16.8
38	0.4	1.6	0.7	0.5	0.5	1.5	3.2	1.5	1.3	1.3
39	0.1	0.2	0.1	0.1	0.1	*	0.2	0.1	0.1	0.1
40 & longer	*	*	*	*	*	-	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.3	35.9	35.6	35.4	35.4	36.2	36.2	35.9	35.8	35.8
Ginnings 2/	90,977	546,887	1,364,389	1,543,467	1,597,170	12,394	72,177	174,141	183,546	185,700

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	NEW MEXICO					NORTH CAROLINA				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade										
White:										
11	-	-	-	*	*	-	-	-	-	-
21	-	1.2	0.4	0.2	0.2	-	*	*	*	*
30	-	*	*	*	*	-	-	*	*	*
31	-	24.1	14.2	9.5	7.5	-	4.4	1.9	1.3	1.3
40	-	3.8	4.6	3.7	3.1	-	5.2	2.2	1.4	1.4
41	-	48.3	47.9	40.7	33.6	-	37.3	25.9	23.4	23.2
50	-	0.9	5.1	6.6	5.6	-	11.8	6.9	5.8	5.8
51	-	4.7	11.8	15.6	18.3	-	19.1	25.3	28.4	28.3
60	-	0.1	0.1	0.2	0.1	-	0.5	0.5	0.6	0.6
61	-	0.1	2.1	4.3	6.6	-	1.3	3.3	4.5	4.6
70	-	-	*	*	*	-	*	*	*	*
71	-	*	0.3	0.5	0.6	-	0.1	0.2	0.3	0.3
Total	-	83.2	86.5	81.3	75.6	-	79.7	66.2	65.7	65.5
Light Spotted:										
12	-	-	-	-	-	-	-	-	-	-
22	-	*	*	*	*	-	-	-	-	-
32	-	3.6	1.5	1.3	1.1	-	1.5	0.8	0.8	0.8
42	-	11.0	7.4	8.8	8.8	-	12.0	14.4	13.8	13.8
52	-	2.0	3.3	6.4	10.2	-	5.9	14.5	14.7	14.8
62	-	0.1	0.5	1.2	2.3	-	0.6	3.1	3.1	3.1
Total	-	16.7	12.7	17.7	22.4	-	20.0	32.8	32.4	32.5
Spotted:										
13	-	-	*	*	*	-	-	-	-	-
23	-	-	*	*	*	-	-	-	*	*
33	-	-	*	*	*	-	*	*	0.1	0.1
43	-	0.1	0.4	0.4	0.5	-	0.2	0.2	0.6	0.7
53	-	*	*	0.1	0.4	-	*	0.3	0.5	0.6
63	-	-	*	*	0.1	-	*	0.1	0.2	0.2
Total	-	0.1	0.4	0.5	1.0	-	0.2	0.6	1.4	1.6
Tinged:										
24	-	-	-	-	-	-	-	-	-	-
34	-	-	*	*	*	-	-	-	*	*
44	-	-	*	*	*	-	-	-	*	*
54	-	-	*	*	*	-	*	*	*	*
Total	-	-	*	*	*	-	*	*	*	*
Stained:										
All grades	-	-	-	-	-	-	-	*	*	*
Light Gray:										
All grades	-	-	-	*	*	-	*	*	*	*
Gray:										
All grades	-	-	*	*	*	-	*	*	*	*
Below Grade 1/	-	*	0.2	0.4	1.0	-	*	0.2	0.4	0.4
All grades	-	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	*	*	-	-	-	-	-
28	-	-	-	*	0.2	-	-	-	-	-
29	-	*	*	0.1	0.5	-	-	-	-	-
30	-	-	*	0.2	1.3	-	-	-	-	-
31	-	-	0.1	0.8	2.4	-	-	-	*	*
32	-	-	0.5	1.8	3.6	-	*	*	*	*
33	-	-	2.1	3.6	6.0	-	*	*	0.2	0.2
34	-	0.3	3.7	6.0	9.3	-	0.4	1.1	5.3	5.4
35	-	2.9	6.3	9.4	10.8	-	16.0	18.5	32.5	32.8
36	-	9.4	12.4	14.2	13.8	-	61.4	66.0	52.8	52.5
37	-	40.4	38.0	34.6	29.0	-	21.8	14.2	9.1	9.0
38	-	34.6	29.5	24.2	19.1	-	0.3	0.1	0.1	0.1
39	-	10.0	6.6	4.6	3.6	-	-	-	-	-
40 & longer	-	2.3	0.8	0.5	0.4	-	-	-	-	-
All staples	-	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0
Average staple	-	37.5	37.0	36.5	35.9	-	36.1	35.9	35.7	35.6
Ginnings 2/	D	11,889	47,281	62,016	78,136	868	37,816	99,619	116,637	117,725

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

D Withheld to avoid disclosure of individual gins.

* Less than 0.05 percent.

Table 8. -- Continued

OKLAHOMA						SOUTH CAROLINA					
Grade and Staple	Prior to				Crop	Prior to				Crop	
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1		
Grade											
White:											
11	-	-	*	*	*	-	*	*	*	*	
21	-	7.3	2.3	1.4	1.0	-	*	*	*	*	
30	-	-	*	*	*	-	-	-	-	-	
31	-	25.5	11.9	7.5	5.4	9.2	8.1	5.3	4.7	4.7	
40	-	5.9	2.4	1.5	1.1	2.7	9.8	6.3	5.4	5.4	
41	-	14.9	12.9	10.2	7.7	39.2	47.4	38.8	37.1	36.9	
50	-	2.0	1.4	1.1	0.8	11.7	11.0	7.6	6.9	6.9	
51	-	6.0	4.8	5.0	4.6	21.4	12.8	17.4	19.8	19.8	
60	-	-	*	*	*	0.1	0.1	0.1	0.1	0.1	
61	-	0.7	0.9	1.0	1.3	0.3	0.3	1.5	2.3	2.3	
70	-	-	*	*	*	-	-	*	*	*	
71	-	*	0.1	*	*	-	*	0.1	0.2	0.2	
Total	-	62.3	36.7	27.7	21.9	84.6	89.5	77.1	76.5	76.3	
Light Spotted:											
12	-	-	-	-	-	-	-	-	-	-	
22	-	0.7	0.2	0.2	0.1	-	*	*	*	*	
32	-	8.6	10.2	7.5	5.6	0.3	0.8	0.7	0.7	0.7	
42	-	14.4	25.0	30.1	28.8	12.3	6.9	11.4	10.9	10.9	
52	-	7.2	12.7	19.3	25.6	2.4	2.2	8.2	8.5	8.6	
62	-	1.2	1.8	3.7	6.2	0.2	0.2	1.8	1.9	2.0	
Total	-	32.1	49.9	60.8	66.3	15.2	10.1	22.1	22.0	22.2	
Spotted:											
13	-	-	-	-	-	-	-	*	*	*	
23	-	*	*	*	*	-	-	*	*	*	
33	-	1.4	2.2	1.5	1.1	-	*	*	*	*	
43	-	2.1	4.8	4.3	4.0	0.1	0.1	0.1	0.3	0.4	
53	-	1.3	3.3	3.0	3.7	0.1	*	0.1	0.2	0.2	
63	-	0.1	0.6	0.5	0.8	*	*	*	0.1	0.1	
Total	-	4.9	10.9	9.3	9.6	0.2	0.1	0.2	0.6	0.7	
Tinged:											
24	-	-	-	-	-	-	-	-	-	-	
34	-	0.3	0.4	0.3	0.2	-	-	-	*	*	
44	-	0.2	0.9	0.8	0.7	-	*	*	*	*	
54	-	*	0.4	0.3	0.5	-	-	-	*	*	
Total	-	0.5	1.7	1.4	1.4	-	*	*	*	*	
Stained:											
All grades	-	-	*	*	*	-	*	*	*	*	
Light Gray:											
All grades	-	-	*	*	*	-	0.2	0.5	0.6	0.6	
Gray:											
All grades	-	-	-	-	-	-	*	*	*	*	
Below Grade 1/	-	0.2	0.8	0.8	0.7	0.2	*	0.1	0.2	0.2	
All grades	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Staple											
26 & shorter	-	*	0.1	0.2	0.2	-	-	-	-	-	
28	-	0.3	0.9	1.5	1.4	-	-	-	-	-	
29	-	0.9	2.5	3.9	3.9	-	-	-	-	-	
30	-	4.1	7.6	10.9	12.3	-	-	-	-	-	
31	-	8.2	14.1	19.5	23.7	-	-	*	*	*	
32	-	8.3	15.5	18.0	19.9	-	-	-	*	*	
33	-	8.3	14.0	14.2	13.8	0.1	*	*	0.3	0.3	
34	-	17.2	18.0	14.1	11.7	1.2	0.2	0.7	3.4	3.5	
35	-	22.6	14.4	9.7	7.4	29.7	14.4	17.7	22.8	23.0	
36	-	20.3	9.2	5.7	4.2	49.2	66.2	65.6	59.5	59.3	
37	-	8.6	3.3	2.0	1.4	16.5	18.8	15.6	13.6	13.5	
38	-	1.0	0.3	0.2	0.1	3.4	0.5	0.3	0.3	0.3	
39	-	0.1	*	*	*	-	*	*	*	*	
40 & longer	-	*	*	*	*	-	*	*	*	*	
All staples	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Average staple	-	34.2	33.1	32.5	32.2	35.9	36.0	36.0	35.8	35.8	
Ginnings 2/	763	23,436	86,715	126,864	176,219	13,252	100,102	150,187	155,349	156,215	

1/ Lower in grade than the lowest grades of the official standards.
2/ As reported by the Bureau of the Census, running bales.
* Less than 0.05 percent.

Table 8. -- Continued

TENNESSEE

TEXAS

Grade and Staple	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade										
White:										
11	0.2	*	*	*	*	*	*	*	*	*
21	0.2	0.4	0.1	0.1	0.1	3.7	3.6	2.4	1.3	0.9
30	-	*	*	*	*	0.4	0.4	0.3	0.1	0.1
31	21.6	12.4	3.9	2.7	2.6	28.7	27.4	19.6	11.5	8.1
40	6.1	3.5	1.1	0.7	0.7	8.3	8.4	6.0	3.4	2.4
41	51.4	35.0	15.5	11.2	11.0	34.5	33.3	30.2	22.4	18.3
50	-	2.3	1.0	0.7	0.7	2.1	2.1	2.6	1.9	1.3
51	1.1	3.7	3.9	3.7	3.8	4.8	4.8	10.3	12.7	14.3
60	-	*	*	*	*	*	*	0.1	*	*
61	0.6	0.1	0.2	0.3	0.3	0.4	0.5	1.4	2.2	2.6
70	-	-	-	*	*	*	*	*	*	*
71	-	-	*	*	*	0.1	0.1	0.1	0.1	0.1
Total	81.2	57.4	25.7	19.4	19.2	83.0	80.6	73.0	55.6	48.1
Light Spotted:										
12	-	*	*	*	*	*	*	*	*	*
22	-	*	*	*	*	0.6	0.6	0.4	0.2	0.2
32	6.1	3.6	1.5	1.2	1.2	5.7	6.5	5.9	4.8	4.0
42	4.8	27.1	46.1	43.2	42.8	7.1	8.2	12.2	18.6	20.5
52	2.7	9.2	22.7	29.1	29.0	1.9	2.2	6.0	15.5	21.3
62	2.3	0.2	0.9	2.6	2.8	0.2	0.3	0.9	2.9	3.5
Total	15.9	40.1	71.2	76.1	75.8	15.5	17.8	25.4	42.0	49.5
Spotted:										
13	-	*	*	*	*	*	*	*	*	*
23	-	*	*	*	*	*	*	*	*	*
33	-	0.2	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.2
43	-	1.3	1.4	1.8	1.8	0.3	0.4	0.5	0.7	0.7
53	0.4	0.5	1.1	1.7	1.9	0.2	0.2	0.3	0.5	0.7
63	1.1	0.1	0.1	0.3	0.4	*	0.1	0.1	0.2	0.2
Total	1.5	2.1	2.7	3.9	4.2	0.7	1.0	1.2	1.6	1.8
Tinged:										
24	-	-	-	-	-	*	*	*	*	*
34	-	-	-	-	-	*	*	*	*	*
44	-	*	*	*	*	*	*	0.1	*	*
54	-	*	*	*	*	*	*	*	*	*
Total	-	*	*	*	*	*	*	0.1	*	*
Stained:										
All grades	-	-	*	*	*	*	*	*	*	*
Light Gray:										
All grades	0.2	0.2	0.3	0.1	0.1	0.3	0.3	0.2	0.1	*
Gray:										
All grades	-	*	*	*	*	*	*	*	*	*
Below Grade 1/	1.1	*	*	0.3	0.4	0.2	0.3	0.3	0.4	0.3
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	*	*	-	*	*	*	0.1	0.2
28	-	-	*	*	-	0.1	0.1	0.2	0.5	1.2
29	-	-	-	-	-	0.5	0.5	0.7	1.5	3.2
30	-	*	*	*	*	4.4	4.4	5.0	6.9	10.8
31	-	-	*	*	*	11.7	11.4	13.9	16.6	19.8
32	1.1	*	0.1	0.2	0.3	13.8	13.4	16.6	18.5	18.5
33	5.9	0.1	1.7	4.5	4.7	17.1	16.3	17.9	18.7	16.8
34	13.4	5.6	29.7	40.3	40.5	26.3	24.8	21.7	19.0	15.6
35	49.7	56.4	52.8	44.1	43.7	19.6	19.6	15.4	11.6	8.9
36	29.6	37.3	15.5	10.7	10.6	5.8	7.7	6.5	5.0	3.7
37	0.2	0.7	0.2	0.2	0.2	0.7	1.5	1.6	1.4	1.0
38	-	*	*	*	*	*	0.2	0.3	0.2	0.2
39	-	-	-	-	-	*	*	0.1	*	*
40 & longer	-	-	-	-	*	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.0	35.3	34.8	34.6	34.6	33.3	33.4	33.2	32.8	32.4
Ginnings 2/	2,638	82,792	264,563	317,694	326,065	804,912	889,102	1,544,559	2,442,341	3,564,781

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 9. -- Percentage distribution of grade and staple for upland cotton classed by marketing services offices, 1984-85

	ABILENE		ALTUS		BAKERSFIELD	BIRMINGHAM	CORPUS CHRISTI
Grade and Staple	Texas	Oklahoma	Texas	Marketing Services Office	California	Alabama	Texas
Grade							
White:							
11	*	*	*	*	*	*	*
21	*	1.0	0.1	0.5	7.7	0.8	8.7
30	-	*	*	*	0.4	*	1.5
31	1.7	5.4	1.9	3.5	58.3	9.9	43.9
40	*	1.1	0.7	0.8	3.9	7.6	9.6
41	10.9	7.7	9.4	8.6	17.7	26.9	17.9
50	0.1	0.8	1.3	1.0	0.3	4.0	1.5
51	13.8	4.6	10.3	7.7	2.3	8.9	3.2
60	*	*	*	*	*	0.2	*
61	1.2	1.3	2.4	1.9	0.5	0.6	0.3
70	-	*	-	*	-	*	-
71	0.1	*	0.1	0.1	0.1	*	*
Total	27.8	21.9	26.2	24.1	91.2	58.9	86.6
Light Spotted:							
12	-	-	*	*	-	-	-
22	*	0.1	0.1	0.1	0.1	*	1.0
32	7.1	5.6	3.8	4.6	3.3	0.5	5.5
42	36.2	28.8	26.3	27.4	3.1	10.5	4.4
52	24.8	25.6	30.5	28.3	1.0	23.8	1.3
62	1.3	6.2	6.8	6.5	0.3	3.0	0.1
Total	69.4	66.3	67.5	66.9	7.8	37.8	12.3
Spotted:							
13	-	-	-	-	*	*	*
23	*	*	*	*	*	*	0.1
33	0.3	1.1	0.4	0.7	0.2	0.1	0.4
43	1.8	4.0	2.0	2.9	0.3	1.0	0.3
53	0.6	3.7	2.3	3.0	0.2	1.4	0.1
63	0.1	0.8	0.6	0.7	0.1	0.3	*
Total	2.8	9.6	5.3	7.3	0.8	2.8	0.9
Tinged:							
24	*	-	*	*	*	*	*
34	*	0.2	*	0.1	*	*	0.1
44	*	0.7	0.1	0.4	0.1	*	0.1
54	*	0.5	0.1	0.3	*	*	*
Total	*	1.4	0.2	0.8	0.1	*	0.2
Stained:							
All grades	-	*	*	*	*	*	-
Light Gray:							
All grades	-	*	*	*	0.3	0.1	*
Gray:							
All grades	*	-	-	-	*	*	-
Below Grade 1/	*	0.7	0.8	0.6	*	0.1	*
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple							
26 & shorter	*	0.2	0.1	0.2	*	*	*
28	0.4	1.4	0.7	1.0	-	-	*
29	2.4	3.9	2.3	3.0	-	-	0.3
30	13.4	12.3	11.4	11.8	*	*	4.6
31	28.8	23.7	31.4	27.9	*	*	23.3
32	24.2	19.9	26.4	23.4	*	0.4	30.3
33	16.9	13.8	15.8	14.9	*	4.6	22.9
34	10.4	11.7	8.1	9.7	0.3	20.0	12.2
35	2.9	7.4	2.5	4.7	7.3	46.8	4.4
36	0.5	4.2	1.0	2.5	74.1	26.8	1.6
37	0.1	1.4	0.3	0.8	18.1	1.4	0.4
38	*	0.1	*	0.1	0.1	*	*
39	*	*	-	*	*	*	*
40 & longer	*	*	-	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	31.8	32.2	31.8	32.0	36.1	35.0	32.4

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	EL CENTRO			EL PASO			
	Arizona	California	Marketing Services Office	Arizona	New Mexico	Texas	Marketing Services Office
Grade							
White:							
11	*	*	*	-	*	*	*
21	8.2	9.9	9.3	2.7	0.2	2.4	1.6
30	0.1	0.1	0.1	*	*	*	*
31	57.5	56.9	57.1	37.5	8.3	14.5	18.2
40	1.0	0.3	0.6	2.3	3.4	0.9	2.3
41	11.2	14.8	13.5	18.5	36.5	19.6	25.9
50	0.2	0.1	0.1	1.9	6.2	1.8	3.6
51	1.5	2.5	2.1	1.6	17.9	20.8	14.6
60	-	-	-	*	0.2	0.1	0.1
61	0.3	0.8	0.6	0.1	6.5	6.9	4.9
70	-	-	-	-	*	*	*
71	0.1	0.1	0.1	*	0.6	0.4	0.4
Total	80.1	85.5	83.5	64.6	79.8	67.4	71.6
Light Spotted:							
12	-	-	-	-	-	-	-
22	0.2	*	0.1	0.7	*	*	0.2
32	7.3	6.3	6.6	14.9	1.1	2.0	5.0
42	3.0	2.0	2.3	12.9	7.7	7.6	9.0
52	3.1	1.4	2.0	2.8	7.4	14.6	8.7
62	2.1	1.2	1.5	0.4	1.9	2.6	1.8
Total	15.7	10.9	12.5	31.7	18.1	26.8	24.7
Spotted:							
13	-	-	-	*	*	*	*
23	*	*	*	0.1	*	*	*
33	0.4	0.6	0.5	0.7	*	0.2	0.3
43	0.6	0.5	0.5	1.0	0.5	1.0	0.8
53	0.8	0.5	0.6	0.5	0.3	2.2	1.0
63	1.4	0.6	0.9	0.2	0.1	0.3	0.2
Total	3.2	2.2	2.5	2.5	0.9	3.7	2.3
Tinged:							
24	-	-	-	*	-	-	*
34	*	0.1	0.1	0.2	*	*	*
44	*	0.1	0.1	0.1	*	*	0.1
54	0.1	0.1	0.1	0.1	*	0.2	0.1
Total	0.1	0.3	0.3	0.4	*	0.2	0.2
Stained:							
All grades	-	-	-	*	-	-	*
Light Gray:							
All grades	0.1	0.8	0.6	-	*	1.4	0.5
Gray:							
All grades	*	0.1	0.1	-	*	*	*
Below Grade 1/							
	0.8	0.3	0.5	0.4	1.1	0.2	0.6
All grades							
	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple							
26 & shorter	*	-	*	*	-	*	*
28	*	-	*	-	-	*	*
29	0.2	*	0.1	*	*	*	*
30	0.3	*	0.1	0.2	0.1	0.2	0.2
31	0.6	*	0.3	1.5	0.8	1.3	1.2
32	1.8	0.2	0.8	2.3	2.3	3.3	2.7
33	2.8	1.1	1.7	3.3	5.0	8.5	5.7
34	4.7	5.7	5.3	10.8	8.5	22.6	14.0
35	35.4	49.1	44.1	30.6	10.2	25.1	20.7
36	52.7	40.8	45.1	34.7	14.4	23.6	22.9
37	1.5	2.9	2.4	14.2	32.6	13.4	21.1
38	-	-	-	2.2	21.5	1.7	9.6
39	-	-	-	0.1	4.0	0.3	1.7
40 & longer	-	-	-	*	0.5	*	0.2
All staples							
	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple							
	35.4	35.4	35.4	35.4	36.3	35.0	35.6

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	FLORENCE			FRESNO	GREENWOOD	HARLINGEN
	North Carolina	South Carolina	Marketing Services Office	California	Mississippi	Texas
<u>Grade</u>						
<u>White:</u>						
11	-	*	*	*	*	*
21	*	*	*	5.1	1.1	0.4
30	*	-	*	*	0.1	*
31	1.3	4.7	3.2	58.6	7.5	21.7
40	1.4	5.4	3.6	4.9	1.9	6.6
41	23.2	36.9	30.7	19.6	9.5	49.9
50	5.8	6.9	6.4	0.3	0.8	2.5
51	28.3	19.8	23.6	2.2	10.3	6.7
60	0.6	0.1	0.3	*	*	0.1
61	4.6	2.3	3.3	0.3	0.7	0.6
70	*	*	*	-	-	*
71	0.3	0.2	0.2	0.1	*	0.1
Total	65.5	76.3	71.3	91.1	31.9	88.6
<u>Light Spotted:</u>						
12	-	-	-	*	*	*
22	-	*	*	*	*	*
32	0.8	0.7	0.7	3.3	0.3	1.5
42	13.8	10.9	12.2	3.1	15.3	6.3
52	14.8	8.6	11.4	0.7	47.4	1.8
62	3.1	2.0	2.5	0.1	3.4	0.3
Total	32.5	22.2	26.8	7.2	66.4	9.9
<u>Spotted:</u>						
13	-	*	*	*	*	*
23	*	*	*	*	*	*
33	0.1	*	0.1	0.3	*	0.1
43	0.7	0.4	0.5	0.5	0.4	0.3
53	0.6	0.2	0.4	0.2	0.9	0.1
63	0.2	0.1	0.1	*	0.1	*
Total	1.6	0.7	1.1	1.0	1.4	0.5
<u>Tinged:</u>						
24	-	-	-	*	*	-
34	*	*	*	*	*	*
44	*	*	*	0.1	*	*
54	*	*	*	*	*	*
Total	*	*	*	0.1	*	*
<u>Stained:</u>						
All grades	*	*	*	*	*	-
<u>Light Gray:</u>						
All grades	*	0.6	0.3	0.3	0.3	0.5
<u>Gray:</u>						
All grades	*	*	*	*	*	*
Below Grade 1/	0.3	0.1	0.2	*	0.1	0.3
All grades	100.0	100.0	100.0	100.0	100.0	100.0
<u>Staple</u>						
26 & shorter	-	-	-	*	*	*
28	-	-	-	*	*	*
29	-	-	-	*	*	*
30	-	-	-	*	*	0.3
31	*	*	*	*	*	2.3
32	*	*	*	*	0.2	8.1
33	0.2	0.3	0.3	*	1.0	19.4
34	5.4	3.5	4.4	*	7.8	38.2
35	32.8	23.0	27.4	1.8	43.5	25.8
36	52.5	59.3	56.2	61.8	38.3	5.3
37	9.0	13.5	11.5	36.1	8.5	0.6
38	0.1	0.3	0.2	0.2	0.6	*
39	-	*	*	*	0.1	*
40 & longer	-	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.7	35.8	35.8	36.4	35.5	33.9

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	HAYTI			LAMESA		
	Arkansas	Missouri	Marketing Services Office	New Mexico	Texas	Marketing Services Office
<u>Grade</u>						
<u>White:</u>						
11	-	-	-	-	*	*
21	*	0.1	0.1	-	*	*
30	-	*	*	-	*	*
31	2.3	6.0	4.1	1.1	1.6	1.6
40	1.0	1.4	1.2	0.3	0.1	0.1
41	16.8	24.1	20.4	14.7	9.4	9.4
50	0.9	1.1	1.0	0.8	0.3	0.3
51	22.7	27.9	25.2	24.7	15.6	15.8
60	*	*	*	-	*	*
61	0.5	0.3	0.4	7.3	2.7	2.8
70	-	-	-	-	-	-
71	*	*	*	*	*	*
Total	44.2	60.9	52.4	48.9	29.7	30.0
<u>Light Spotted:</u>						
12	-	-	-	-	-	-
22	*	*	*	-	*	*
32	1.5	2.0	1.8	1.5	2.2	2.2
42	16.8	15.1	16.0	18.2	25.3	25.2
52	33.2	19.3	26.4	28.8	36.9	36.8
62	2.4	0.9	1.7	1.5	3.9	3.8
Total	53.9	37.3	45.9	50.0	68.3	68.0
<u>Spotted:</u>						
13	*	*	*	-	-	-
23	*	*	*	-	*	*
33	*	*	*	*	*	*
43	0.3	0.3	0.3	0.1	0.4	0.4
53	0.7	0.3	0.5	0.1	0.5	0.5
63	0.1	0.1	0.1	-	*	*
Total	1.1	0.7	0.9	0.2	0.9	0.9
<u>Tinged:</u>						
24	*	-	*	-	*	*
34	*	*	*	-	*	*
44	*	*	*	-	*	*
54	*	*	*	-	*	*
Total	-	*	-	-	-	-
<u>Stained:</u>						
All grades	*	*	*	-	*	*
<u>Light Gray:</u>						
All grades	0.2	1.0	0.6	-	*	*
<u>Gray:</u>						
All grades	*	*	*	-	-	-
Below Grade 1/	0.3	*	0.2	*	0.1	0.1
All grades	100.0	100.0	100.0	100.0	100.0	100.0
<u>Staple</u>						
26 & shorter	*	*	*	0.1	0.1	0.1
28	-	-	-	0.7	1.6	1.6
29	-	-	-	2.3	5.1	5.0
30	-	*	*	3.9	15.7	15.6
31	-	*	*	9.4	22.7	22.5
32	*	0.1	*	11.2	16.0	15.9
33	0.2	0.4	0.3	13.3	12.9	13.0
34	3.5	5.0	4.2	19.8	11.3	11.4
35	34.5	30.6	32.6	22.6	7.1	7.4
36	42.7	45.8	44.2	14.3	4.2	4.4
37	16.9	16.8	16.8	2.3	2.1	2.1
38	2.0	1.3	1.7	0.1	0.8	0.8
39	0.2	0.1	0.1	-	0.1	0.1
40 & longer	*	*	*	-	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.8	35.8	35.8	33.6	32.1	32.2

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	LITTLE ROCK	LUBBOCK		MACON
	Arkansas	New Mexico	Texas	Georgia
Grade				
White:				
11	*	-	*	-
21	*	-	*	0.3
30	*	-	*	*
31	1.6	*	1.5	6.1
40	1.3	*	0.4	4.1
41	7.1	4.7	15.0	30.0
50	1.1	0.6	1.4	8.5
51	3.9	15.6	19.1	33.6
60	*	0.1	0.1	0.7
61	0.1	6.7	3.8	5.6
70	*	1.6	*	*
71	*	-	0.1	0.5
Total	15.1	29.3	41.4	89.4
Light Spotted:				
12	-	-	*	-
22	*	-	*	*
32	0.5	0.8	3.1	0.3
42	25.6	16.7	23.1	3.1
52	53.8	38.2	25.7	5.0
62	2.9	10.8	4.8	1.0
Total	82.8	66.5	56.7	9.4
Spotted:				
13	*	-	*	-
23	*	-	*	-
33	*	-	0.1	*
43	0.7	0.9	0.6	0.2
53	1.0	1.4	0.7	0.1
63	0.2	0.2	0.2	*
Total	1.9	2.5	1.6	0.3
Tinged:				
24	-	-	*	-
34	*	-	*	*
44	*	-	*	*
54	*	-	*	*
Total	*	-	*	*
Stained:				
All grades	*	-	*	*
Light Gray:				
All grades	0.1	-	*	0.7
Gray:				
All grades	*	-	*	*
Below Grade 1/	0.2	1.4	0.3	0.1
All grades	100.0	100.0	100.0	100.0
Staple				
26 1/2 shorter	*	0.8	0.3	*
28	*	2.9	1.8	-
29	*	7.7	4.4	-
30	*	19.8	12.8	*
31	*	23.8	21.1	*
32	0.1	17.0	20.4	*
33	0.4	15.2	18.4	0.5
34	6.5	9.0	13.4	5.6
35	36.5	3.0	5.0	49.5
36	42.0	0.7	1.8	42.7
37	13.3	-	0.4	1.7
38	1.0	-	*	*
39	0.1	-	*	*
40 & longer	*	-	*	*
All staples	100.0	100.0	100.0	100.0
Average staple	35.7	31.4	32.0	35.4

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	MEMPHIS				PHOENIX	WACO	WINNSBORO
	Arkansas	Mississippi	Tennessee	Marketing Services Office	Arizona	Texas	Louisiana
Grade							
White:							
11	-	*	*	*	*	*	*
21	-	0.5	0.1	0.2	1.9	3.9	0.2
30	-	*	*	*	*	0.1	*
31	0.9	4.0	2.6	3.0	49.2	22.4	5.5
40	0.7	1.8	0.7	1.0	1.5	10.4	5.0
41	18.2	10.0	11.0	11.1	19.4	21.4	20.1
50	1.8	1.1	0.7	0.9	0.5	2.1	2.1
51	14.7	4.5	3.8	4.5	1.9	3.5	8.7
60	*	*	*	*	*	*	*
61	0.4	0.6	0.3	0.4	0.5	0.6	0.7
70	-	*	*	*	*	-	*
71	-	*	*	*	0.1	0.1	0.1
Total	36.7	22.5	19.2	21.1	75.0	64.5	42.4
Light Spotted:							
12	-	-	*	*	*	*	-
22	-	*	*	*	0.1	1.2	*
32	0.1	0.5	1.2	0.9	12.2	12.8	0.5
42	15.6	22.2	42.8	35.4	5.1	12.1	12.5
52	42.6	46.7	29.0	34.9	2.1	4.5	35.8
62	1.9	4.6	2.8	3.3	1.3	1.4	4.4
Total	60.2	74.0	75.8	74.5	20.8	32.0	53.2
Spotted:							
13	-	*	*	*	*	-	*
23	-	*	*	*	*	0.1	*
33	-	*	0.1	0.1	0.4	0.4	*
43	0.2	0.8	1.8	1.4	0.6	1.0	0.7
53	0.5	1.7	1.9	1.8	0.3	0.7	2.3
63	*	0.3	0.4	0.4	0.3	0.3	0.6
Total	0.7	2.8	4.2	3.7	1.6	2.5	3.6
Tinged:							
24	-	*	-	*	*	-	*
34	-	-	-	-	*	*	*
44	-	*	*	*	0.1	0.1	*
54	-	*	*	*	0.1	0.1	0.1
Total	-	*	*	*	0.2	0.2	0.1
Stained:							
All grades	-	-	*	*	*	*	*
Light Gray:							
All grades	2.4	0.3	0.1	0.3	0.2	0.1	0.1
Gray:							
All grades	*	*	*	*	*	*	*
Below Grade 1/	*	0.1	0.4	0.3	1.8	0.8	0.4
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple							
26 & shorter	-	-	-	-	*	*	*
28	-	-	-	-	*	0.2	*
29	-	-	-	-	*	1.4	*
30	-	*	*	*	*	10.2	*
31	-	*	*	*	0.1	15.8	*
32	*	0.1	0.3	0.2	0.4	7.4	0.1
33	0.1	0.8	4.7	3.4	1.3	6.7	0.4
34	8.5	22.0	40.5	33.5	6.5	16.0	3.0
35	33.2	47.5	43.7	44.4	47.2	23.1	27.8
36	51.2	28.8	10.6	17.9	43.7	15.9	59.4
37	6.9	0.7	0.2	0.6	0.8	2.9	9.0
38	*	*	*	*	*	0.2	0.4
39	-	-	-	-	*	*	*
40 & longer	-	-	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.6	35.1	34.6	34.8	35.4	33.5	35.7

1/ Lower in grade than the lowest grades of the official standards.
 * Less than 0.05 percent.

Table 10. -- Percentage distribution of mile ranges for upland cotton classes specified period, by states and United States, crop of 1964

Period prior to:	Mile ranges					Average miles
	25 and below	17-29	30-32	33-34	35-49	50-52 and above
<u>ALABAMA</u>						
October 1	*	*	0.3	1.5	96.3	1.9
November 1	*	*	0.5	1.2	95.1	2.0
December 1	*	0.3	2.1	3.4	92.1	1.9
January 1	0.2	1.4	4.0	4.7	89.2	1.5
Crop	0.2	1.4	4.1	4.7	88.1	1.4
<u>ARIZONA</u>						
October 1	0.4	2.0	1.9	1.9	87.9	5.5
November 1	*	0.2	0.4	0.5	78.2	17.1
December 1	0.1	0.4	0.9	0.9	74.5	18.7
January 1	0.1	0.6	1.6	1.5	72.7	18.9
Crop	0.2	1.1	2.5	2.1	71.9	17.9
<u>ARKANSAS</u>						
October 1	-	*	0.2	0.6	95.3	3.5
November 1	*	*	0.3	0.8	93.7	4.6
December 1	*	0.2	1.2	2.1	94.3	2.0
January 1	0.4	1.4	3.2	3.7	89.6	1.5
Crop	0.4	1.5	3.4	3.9	89.1	1.5
<u>CALIFORNIA</u>						
October 1	-	-	0.8	3.2	96.0	-
November 1	*	0.1	0.5	1.4	96.6	1.2
December 1	0.1	0.3	1.1	1.8	94.8	1.7
January 1	0.1	0.4	1.3	1.9	94.1	1.9
Crop	0.1	0.4	1.4	2.0	94.0	1.9

Table 10. -- Continued

Period prior to:	Mike ranges						Average mike
	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above
<u>GEORGIA</u>							
October 1	-	-	*	0.4	92.4	6.2	0.9
November 1	*	*	0.5	1.2	91.1	5.6	1.6
December 1	*	0.1	0.8	1.9	92.5	3.7	0.9
January 1	*	0.2	1.1	2.2	92.7	3.0	0.8
Crop	*	0.2	1.1	2.3	92.6	2.9	0.7
<u>LOUISIANA</u>							
October 1	*	*	0.1	0.3	86.5	10.4	2.6
November 1	*	*	0.1	0.3	93.4	5.4	0.8
December 1	*	*	0.1	0.3	95.0	4.0	0.5
January 1	*	0.2	0.6	0.8	94.6	3.3	0.4
Crop	*	0.2	0.7	0.9	94.5	3.3	0.4
<u>MISSISSIPPI</u>							
October 1	-	*	0.7	1.9	88.0	8.3	0.9
November 1	*	0.1	0.7	1.5	93.7	3.6	0.4
December 1	*	0.4	2.1	3.9	91.8	1.6	0.2
January 1	0.2	1.1	3.8	5.2	88.3	1.2	0.2
Crop	0.2	1.2	3.8	5.3	88.2	1.2	0.2
<u>MISSOURI</u>							
October 1	-	*	0.2	0.2	97.9	1.7	-
November 1	*	*	0.4	0.9	95.1	3.2	0.4
December 1	*	0.1	0.6	1.3	95.4	2.3	0.2
January 1	*	0.2	1.0	1.6	94.8	2.2	0.2
Crop	*	0.2	1.0	1.6	94.8	2.1	0.2

Table 10. -- Continued

Period prior to:	Mike ranges					Average mike	
	26 and below	27-29	30-32	33-34	35-49		50-52
NEW MEXICO							
October 1	-	-	-	-	-	-	-
November 1	*	0.1	5.5	13.6	80.8	-	37
December 1	0.1	2.0	10.3	17.9	69.6	-	36
January 1	1.0	7.7	16.3	17.2	57.8	*	35
Crop	4.0	12.8	19.1	16.2	47.9	*	34
NORTH CAROLINA							
October 1	-	-	-	-	-	-	-
November 1	*	*	0.6	1.9	97.5	*	39
December 1	*	0.2	1.8	4.7	93.3	*	39
January 1	*	0.9	4.6	6.7	87.8	*	38
Crop	*	1.0	4.7	6.8	87.5	*	38
OKLAHOMA							
October 1	-	-	-	-	-	-	-
November 1	0.1	0.9	3.8	7.7	87.0	0.4	39
December 1	4.2	7.7	12.9	11.5	63.5	0.2	36
January 1	6.6	10.9	15.7	13.3	53.3	0.1	35
Crop	8.8	12.2	16.2	13.3	49.4	0.1	34
SOUTH CAROLINA							
October 1	-	-	0.1	0.5	99.4	*	40
November 1	-	0.1	1.2	3.5	95.1	*	39
December 1	*	0.5	3.3	6.2	90.0	*	38
January 1	0.1	1.1	5.6	7.5	85.7	*	38
Crop	0.1	1.2	5.7	7.6	85.4	*	38

Table 10. -- Continued

Period prior to:	Mike ranges						Average mike
	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above
<u>TENNESSEE</u>							
October 1	-	-	0.2	0.6	85.4	13.2	0.6
November 1	-	*	0.2	0.4	85.7	10.8	2.8
December 1	*	0.4	1.7	1.9	91.3	3.7	0.9
January 1	0.2	1.5	4.4	4.2	86.6	2.5	0.6
Crop	0.3	1.6	4.6	4.3	86.2	2.5	0.6
<u>TEXAS</u>							
October 1	0.2	0.7	3.0	5.3	85.9	3.8	1.2
November 1	0.2	1.0	3.4	5.5	85.0	3.8	1.1
December 1	1.7	6.1	11.0	9.3	68.6	2.5	0.8
January 1	4.2	12.6	20.2	12.7	48.5	1.4	0.4
Crop	7.4	18.5	23.2	12.1	37.5	1.0	0.3
<u>UNITED STATES</u>							
October 1	0.1	0.6	2.6	4.8	86.5	4.2	1.2
November 1	0.1	0.3	1.2	2.3	91.1	4.2	0.8
December 1	0.4	1.4	3.2	3.6	87.2	3.5	0.7
January 1	1.1	3.6	6.5	5.3	79.5	3.2	0.7
Crop	2.4	6.2	8.7	5.9	73.2	3.0	0.6

* Less than 0.05 percent.

Table 11. -- Percentage distribution of mike ranges for upland cotton classed in the United States, by marketing services offices, crop of 1984

Marketing Services Office	Mike ranges						Average mike
	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above
Abilene	1.2	4.7	11.6	13.5	68.9	*	36
Altus	10.2	14.9	19.5	15.0	40.4	*	33
Bakersfield	*	0.3	1.2	1.4	97.0	*	42
Birmingham	0.1	1.4	4.0	4.6	88.4	1.4	41
Corpus Christi	*	0.4	4.8	11.0	81.0	2.4	39
El Centro	0.1	0.6	1.8	1.3	67.9	23.8	46
El Paso	1.7	6.1	11.8	12.4	68.1	*	36
Florence	0.1	1.1	5.3	7.2	86.4	*	38
Fresno	0.1	0.4	1.4	2.6	95.4	0.1	41
Greenwood	0.1	1.0	3.3	4.9	89.2	1.3	40
Harlingen	0.3	1.1	2.8	4.1	88.5	2.9	41
Hayti	0.1	0.4	1.4	1.9	92.7	3.1	42
Lamesa	7.2	28.5	39.6	16.5	8.3	*	31
Little Rock	0.6	2.0	4.2	4.6	88.2	0.3	40
Lubbock	11.9	28.1	31.9	13.9	14.2	*	31
Macon	*	0.2	1.1	2.3	92.6	2.9	42
Memphis	0.3	2.0	5.9	5.6	84.1	1.7	40
Phoenix	0.1	1.0	2.3	1.8	71.0	19.2	45
Waco	0.1	0.5	1.9	2.3	85.6	6.5	43
Winnsboro	*	0.2	0.7	0.9	94.5	3.3	43
United States	2.4	6.2	8.7	5.9	73.2	3.0	39

* Less than 0.05 percent.

Table 12. -- Percentage distribution of fiber strength groupings for upland cotton classed through specified periods, by states and United States, crop of 1984

Period prior to:	Fiber strength, 1/8" gage (grams per tex)								Average strength	
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31		32 and above
ALABAMA										
October 1	-	-	9.6	58.6	29.7	1.1	1.0	-	-	23.0
November 1	-	*	0.9	9.1	33.8	42.7	11.6	1.7	0.2	25.7
December 1	-	0.1	0.5	7.8	35.6	42.6	11.3	2.0	0.1	25.8
January 1	-	*	0.4	6.7	33.2	42.8	13.5	3.0	0.4	26.0
Crop	-	0.1	0.5	8.4	35.9	39.7	12.4	2.7	0.3	25.8
ARIZONA										
October 1	-	-	-	26.3	45.4	21.7	5.7	1.0	-	24.6
November 1	*	0.1	0.9	9.0	28.8	34.1	20.9	5.8	0.4	26.2
December 1	*	0.1	0.7	6.1	22.4	32.1	23.8	12.3	2.3	26.9
January 1	*	0.1	0.5	4.4	16.8	29.1	26.9	16.4	6.0	27.5
Crop	*	0.1	0.9	6.6	20.7	29.5	24.9	13.1	4.2	27.0
ARKANSAS										
October 1	-	0.1	2.4	15.4	39.4	30.0	10.8	1.7	0.2	25.3
November 1	*	0.3	3.3	17.9	35.3	29.2	11.1	2.5	0.3	25.2
December 1	*	0.2	4.9	29.3	39.6	19.4	5.4	1.1	0.2	24.4
January 1	*	0.1	4.0	27.3	41.5	21.0	5.0	0.8	0.1	24.5
Crop	*	0.2	4.1	27.4	41.3	21.0	5.0	0.8	0.1	24.5
CALIFORNIA										
October 1	-	1.0	2.0	8.0	9.0	19.0	34.1	23.0	4.0	27.6
November 1	-	*	*	0.3	1.6	10.3	38.4	37.5	11.9	29.4
December 1	*	*	0.1	0.5	2.1	11.4	37.6	36.7	11.5	29.3
January 1	*	*	0.1	0.4	1.9	10.2	34.2	38.2	15.0	29.5
Crop	*	*	0.1	0.5	2.2	11.4	34.6	37.0	14.2	29.4

Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)								Average strength	
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31		32 and above
GEORGIA										
October 1	-	3.7	0.3	34.3	49.7	8.0	4.0	-	-	23.9
November 1	-	0.3	0.9	9.3	38.5	36.4	13.4	1.2	0.1	25.6
December 1	-	0.2	0.7	8.8	35.4	38.3	14.6	1.7	0.2	25.7
January 1	-	0.4	0.5	6.8	30.6	39.6	18.7	3.0	0.4	26.1
Crop	-	0.2	0.9	8.3	32.0	38.5	17.1	2.7	0.3	25.9
LOUISIANA										
October 1	-	0.1	3.9	11.2	25.0	36.3	18.3	4.5	0.6	25.9
November 1	0.1	0.1	2.0	12.9	38.4	33.5	10.7	1.9	0.4	25.4
December 1	0.1	0.4	4.0	17.1	37.7	30.6	8.4	1.4	0.3	25.0
January 1	0.1	0.2	2.5	12.0	40.0	37.8	6.4	0.9	0.2	25.2
Crop	0.1	0.2	2.4	11.9	40.2	37.9	6.3	0.8	0.2	25.2
MISSISSIPPI										
October 1	*	0.1	1.6	12.8	42.8	35.7	6.5	0.4	*	25.2
November 1	0.1	0.7	5.9	22.9	38.9	25.1	5.7	0.6	0.1	24.5
December 1	0.2	0.7	6.5	28.9	40.8	19.2	3.4	0.3	*	24.1
January 1	0.2	1.2	8.1	30.5	38.9	18.2	2.6	0.2	*	24.0
Crop	0.2	1.2	8.1	30.6	39.1	18.0	2.6	0.2	*	24.0
MISSOURI										
October 1	-	0.8	4.4	11.2	25.2	24.3	25.7	7.6	0.8	26.1
November 1	*	0.1	0.5	5.5	22.8	35.0	25.7	8.8	1.7	26.7
December 1	*	*	0.7	9.8	34.7	33.7	15.7	4.5	0.8	25.9
January 1	*	*	0.6	10.7	38.0	34.4	12.6	3.1	0.5	25.7
Crop	*	*	0.7	10.7	38.0	34.4	12.6	3.1	0.5	25.7

Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
<u>NEW MEXICO</u>										
October 1	-	-	-	-	-	-	-	-	-	-
November 1	*	*	0.1	1.5	10.1	30.1	34.4	17.8	6.1	28.0
December 1	*	*	0.2	2.5	11.0	28.1	33.7	17.5	6.9	27.9
January 1	*	*	0.2	2.3	12.4	27.2	32.5	18.4	6.8	27.9
Crop	*	0.3	1.9	6.8	16.0	26.9	27.5	15.1	5.6	27.2
<u>NORTH CAROLINA</u>										
October 1	-	-	-	-	-	-	-	-	-	-
November 1	-	-	-	1.8	9.1	61.8	21.8	5.5	-	26.9
December 1	-	-	-	1.9	13.7	52.2	26.5	5.3	0.3	26.9
January 1	-	0.1	-	1.2	12.1	47.1	30.9	7.6	0.9	27.2
Crop	-	0.1	0.2	2.3	17.1	47.8	26.7	5.3	0.6	26.8
<u>OKLAHOMA</u>										
October 1	-	-	-	-	-	-	-	-	-	-
November 1	0.2	1.4	9.6	27.6	30.5	16.0	9.1	4.1	1.4	24.5
December 1	0.1	0.6	4.5	15.4	26.4	26.5	17.3	6.8	2.4	25.8
January 1	0.1	0.4	2.7	11.6	26.2	31.4	19.2	6.5	2.0	26.1
Crop	0.1	0.4	2.7	12.8	29.5	31.5	16.4	5.1	1.5	25.8
<u>SOUTH CAROLINA</u>										
October 1	1.1	1.1	10.3	38.7	39.4	6.9	2.4	-	-	23.4
November 1	0.1	0.1	0.7	3.7	34.6	41.6	15.8	3.3	0.2	26.1
December 1	*	*	0.4	3.3	30.0	43.9	19.0	3.1	0.2	26.3
January 1	*	*	0.3	2.6	26.7	44.3	21.8	4.0	0.2	26.4
Crop	-	-	0.3	3.1	29.5	45.3	18.9	2.7	0.2	26.3

Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	
TENNESSEE									
October 1	-	-	-	-	-	-	-	-	-
November 1	-	-	0.3	8.0	30.7	40.5	15.9	4.4	0.3
December 1	-	0.7	4.7	14.9	33.3	35.3	9.8	1.1	0.1
January 1	-	0.4	2.9	12.0	34.2	36.8	11.9	1.7	0.1
Crop	-	0.1	1.6	11.9	40.6	35.8	8.8	1.2	0.1
TEXAS									
October 1	0.3	3.2	14.5	32.5	31.4	13.6	3.7	0.8	0.1
November 1	0.3	3.2	14.4	32.1	31.2	13.9	3.9	0.8	0.2
December 1	0.2	2.4	11.4	28.4	33.1	17.2	5.6	1.4	0.3
January 1	0.2	1.3	6.6	19.9	32.3	25.2	10.4	3.1	0.9
Crop	0.1	1.0	5.2	18.0	34.2	27.4	10.4	2.9	0.8
UNITED STATES									
October 1	0.3	2.8	13.2	31.0	31.4	15.4	4.8	1.1	0.2
November 1	0.1	1.1	5.5	16.0	26.4	22.5	15.6	9.9	2.9
December 1	0.1	0.6	4.0	14.6	25.4	22.2	17.4	12.1	3.6
January 1	0.1	0.5	3.4	13.2	25.6	24.0	16.7	12.0	4.4
Crop	0.1	0.5	3.2	13.5	27.5	25.0	15.9	10.6	3.8

* Less than 0.05 percent.

Table 13. -- Percentage distribution of fiber strength groupings for upland cotton classed in the United States, by marketing services offices, crop of 1984

Marketing Services Office	Fiber strength, 1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Abilene	0.1	0.4	5.1	25.5	38.2	21.5	7.0	1.9	0.4	24.6
Altus	0.1	0.3	2.1	10.7	28.3	33.3	18.4	5.5	1.4	26.0
Bakersfield	*	*	*	0.1	1.1	11.2	39.6	37.1	10.9	29.4
Birmingham	-	0.1	0.5	8.4	35.9	39.7	12.4	2.7	0.3	25.8
Corpus Christi	0.1	1.2	12.1	39.4	35.4	10.3	1.4	0.1	*	23.4
El Centro	0.1	0.3	1.1	6.0	18.0	29.7	29.1	13.0	2.7	27.1
El Paso	*	0.3	2.8	9.8	19.7	26.3	24.6	12.8	3.7	26.8
Florence	-	*	0.2	2.8	23.8	46.4	22.5	3.9	0.4	26.5
Fresno	-	*	*	0.2	1.4	9.4	30.9	39.7	18.4	29.8
Greenwood	0.2	1.3	8.9	32.1	38.7	16.7	2.0	0.2	*	23.8
Harlingen	0.1	1.1	9.8	29.2	34.6	18.3	5.6	1.1	0.2	24.1
Hayti	*	*	1.5	15.3	38.9	30.6	10.9	2.4	0.4	25.4
Lamesa	*	0.2	1.9	11.8	27.4	29.3	18.3	8.0	3.1	26.2
Little Rock	*	0.2	5.4	33.0	41.9	16.5	2.6	0.3	0.1	24.1
Lubbock	0.1	0.3	1.9	12.5	37.9	33.8	10.7	2.3	0.5	25.4
Macon	-	0.2	0.9	8.3	32.0	38.5	17.1	2.7	0.3	25.9
Memphis	*	0.1	1.4	13.1	41.7	33.9	8.5	1.1	0.1	25.3
Phoenix	-	*	0.6	6.2	20.3	29.5	25.4	13.5	4.4	27.1
Waco	0.8	8.0	23.9	31.7	23.0	8.9	2.5	0.7	0.2	22.7
Winnboro	0.1	0.2	2.4	11.9	40.2	37.9	6.3	0.8	0.2	25.2
United States	0.1	0.5	3.2	13.5	27.5	25.0	15.9	10.6	3.8	26.1

* Less than 0.05 percent.

Table 14. -- Grade and staple of American Pima cotton ginned
in the United States, 1984-85

Grade	Staple					All staples	
	40 and shorter	42	44	46	48 and longer		
	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Percent</u>
01	-	-	-	-	-	-	-
02	-	-	1	43	-	44	*
03	-	-	135	14,047	523	14,705	11.7
04	-	-	1,703	63,626	3,063	68,392	54.2
05	9	-	3,543	27,196	1,307	32,055	25.4
06	1	8	1,289	5,000	141	6,439	5.1
07	3	8	1,040	857	33	1,941	1.5
08	2	18	851	125	4	1,000	0.8
09	6	57	701	33	1	798	0.6
10	20	99	611	13	-	743	0.6
All grades	41	190	9,874	110,940	5,072	126,117 <u>1/</u>	100.0
	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	
All grades	*	0.2	7.8	88.0	4.0	100.0	
<u>1/</u>	As reported by the Bureau of the Census, running bales.				Average grade.....		4.4
*	Less than 0.05 percent.				Average staple.....		45.9
					Pct. grade reductions		2.5

Table 15. -- Percentage distribution of grade and staple for American Pima cotton classed
through specified periods in the United States, 1984-85

Grade and Staple	Prior to			Crop
	November 1	December 1	January 1	
<u>Grade</u>				
01	-	-	-	-
02	*	0.1	*	*
03	12.0	19.3	13.5	11.7
04	75.2	69.1	60.1	54.2
05	12.4	10.7	22.3	25.4
06	0.4	0.6	3.1	5.1
07	*	0.1	0.5	1.5
08	*	*	0.2	0.8
09	-	*	0.1	0.6
10	*	0.1	0.2	0.6
All grades	100.0	100.0	100.0	100.0
<u>Staple</u>				
40 and shorter	-	*	*	*
42	*	*	*	0.2
44	0.9	1.1	2.8	7.8
46	98.2	96.8	93.3	88.0
48 and longer	0.9	2.1	3.9	4.0
All staples	100.0	100.0	100.0	100.0
Ginnings	14,108	70,386	104,963	126,117 1/

1/ As reported by the Bureau of the Census, running bales.
* Less than 0.05 percent.

Table 16. -- Percentage distribution of grade and staple for American Pima cotton classed, by states, 1984-85 1/

Grade	Staple					All staples
	40 and shorter	42	44	46	48 and longer	
ARIZONA						
01	-	-	-	-	-	-
02	-	-	*	*	-	0.1
03	-	-	0.1	15.7	0.6	16.4
04	-	-	0.7	56.3	3.3	60.3
05	-	-	0.5	13.0	1.4	14.9
06	-	*	0.5	3.2	0.2	3.9
07	*	*	1.0	0.8	*	1.9
08	-	*	0.9	0.1	*	1.0
09	-	*	0.8	*	-	0.8
10	-	0.1	0.7	*	-	0.8
All grades	*	0.1	5.2	89.1	5.5	100.0

1/ Ginnings, Bureau of the Census,
85,412 running bales.

* Less than 0.05 percent.

Average grade..... 4.2
Average staple..... 46.0
Percent grade reductions. 2.6

<u>NEW MEXICO</u>						
01	-	-	-	-	-	-
02	-	-	-	-	-	-
03	-	-	0.1	2.5	0.1	2.8
04	-	-	2.9	41.3	1.1	45.3
05	-	-	5.2	38.3	0.6	44.1
06	-	-	0.7	5.9	0.1	6.7
07	-	-	0.5	0.4	-	0.9
08	-	-	0.1	0.1	-	0.2
09	-	*	*	-	-	*
10	-	-	*	-	-	*
All grades	-	*	9.7	88.5	1.8	100.0

1/ Ginnings, Bureau of the Census,
5,995 running bales.

* Less than 0.05 percent.

Average grade..... 4.6
Average staple..... 45.8
Percent grade reductions. 1.7

<u>TEXAS</u>						
01	-	-	-	-	-	-
02	-	-	-	*	-	*
03	-	-	0.1	1.6	*	1.7
04	-	-	2.7	37.8	0.5	41.0
05	*	-	8.1	39.7	0.2	48.0
06	*	*	2.2	5.6	*	7.8
07	*	*	0.5	0.3	-	0.8
08	*	*	0.2	*	-	0.3
09	*	0.1	0.1	*	*	0.2
10	0.1	0.1	*	*	-	0.2
All grades	0.1	0.2	13.9	85.0	0.7	100.0

1/ Ginnings, Bureau of the Census,
34,710 running bales.

* Less than 0.05 percent.

Average grade..... 4.7
Average staple..... 45.7
Percent grade reductions. 2.6

Table 17. -- Percentage distribution of mike for American Pima cotton classed in the United States, by states, crop of 1984

Reading	State			United States
	Arizona	New Mexico	Texas	
26 and below	*	*	*	*
27	*	0.1	*	*
28	0.1	0.4	0.1	0.1
29	0.2	0.9	0.2	0.2
30	0.5	1.4	0.7	0.6
31	0.8	1.7	1.0	0.9
32	0.9	2.7	1.5	1.1
33	1.1	2.4	1.6	1.3
34	1.3	3.1	2.3	1.6
35	3.0	3.5	2.3	2.8
36	3.1	5.1	3.8	3.4
37	4.1	5.4	4.2	4.2
38	6.2	7.7	6.9	6.5
39	8.6	9.2	7.9	8.4
40	12.1	10.8	11.7	11.9
41	14.1	11.3	12.1	13.4
42	14.7	10.0	13.1	14.0
43	12.5	8.3	11.0	11.9
44	9.8	6.4	8.9	9.4
45	5.1	4.5	5.8	5.3
46	1.2	2.9	3.2	1.9
47	0.5	1.2	1.1	0.7
48	0.2	0.6	0.4	0.3
49	*	0.1	0.1	0.1
50 and above	*	0.1	*	*
Average mike	41	40	40	41

* Less than 0.05 percent.

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1	1.0	1.0	1.0	1.0
2	1.0	1.0	1.0	1.0
3	1.0	1.0	1.0	1.0
4	1.0	1.0	1.0	1.0
5	1.0	1.0	1.0	1.0
6	1.0	1.0	1.0	1.0
7	1.0	1.0	1.0	1.0
8	1.0	1.0	1.0	1.0
9	1.0	1.0	1.0	1.0
10	1.0	1.0	1.0	1.0
11	1.0	1.0	1.0	1.0
12	1.0	1.0	1.0	1.0
13	1.0	1.0	1.0	1.0
14	1.0	1.0	1.0	1.0
15	1.0	1.0	1.0	1.0
16	1.0	1.0	1.0	1.0
17	1.0	1.0	1.0	1.0
18	1.0	1.0	1.0	1.0
19	1.0	1.0	1.0	1.0
20	1.0	1.0	1.0	1.0
21	1.0	1.0	1.0	1.0
22	1.0	1.0	1.0	1.0
23	1.0	1.0	1.0	1.0
24	1.0	1.0	1.0	1.0
25	1.0	1.0	1.0	1.0
26	1.0	1.0	1.0	1.0
27	1.0	1.0	1.0	1.0
28	1.0	1.0	1.0	1.0
29	1.0	1.0	1.0	1.0
30	1.0	1.0	1.0	1.0
31	1.0	1.0	1.0	1.0
32	1.0	1.0	1.0	1.0
33	1.0	1.0	1.0	1.0
34	1.0	1.0	1.0	1.0
35	1.0	1.0	1.0	1.0
36	1.0	1.0	1.0	1.0
37	1.0	1.0	1.0	1.0
38	1.0	1.0	1.0	1.0
39	1.0	1.0	1.0	1.0
40	1.0	1.0	1.0	1.0
41	1.0	1.0	1.0	1.0
42	1.0	1.0	1.0	1.0
43	1.0	1.0	1.0	1.0
44	1.0	1.0	1.0	1.0
45	1.0	1.0	1.0	1.0
46	1.0	1.0	1.0	1.0
47	1.0	1.0	1.0	1.0
48	1.0	1.0	1.0	1.0
49	1.0	1.0	1.0	1.0
50	1.0	1.0	1.0	1.0
51	1.0	1.0	1.0	1.0
52	1.0	1.0	1.0	1.0
53	1.0	1.0	1.0	1.0
54	1.0	1.0	1.0	1.0
55	1.0	1.0	1.0	1.0
56	1.0	1.0	1.0	1.0
57	1.0	1.0	1.0	1.0
58	1.0	1.0	1.0	1.0
59	1.0	1.0	1.0	1.0
60	1.0	1.0	1.0	1.0
61	1.0	1.0	1.0	1.0
62	1.0	1.0	1.0	1.0
63	1.0	1.0	1.0	1.0
64	1.0	1.0	1.0	1.0
65	1.0	1.0	1.0	1.0
66	1.0	1.0	1.0	1.0
67	1.0	1.0	1.0	1.0
68	1.0	1.0	1.0	1.0
69	1.0	1.0	1.0	1.0
70	1.0	1.0	1.0	1.0
71	1.0	1.0	1.0	1.0
72	1.0	1.0	1.0	1.0
73	1.0	1.0	1.0	1.0
74	1.0	1.0	1.0	1.0
75	1.0	1.0	1.0	1.0
76	1.0	1.0	1.0	1.0
77	1.0	1.0	1.0	1.0
78	1.0	1.0	1.0	1.0
79	1.0	1.0	1.0	1.0
80	1.0	1.0	1.0	1.0
81	1.0	1.0	1.0	1.0
82	1.0	1.0	1.0	1.0
83	1.0	1.0	1.0	1.0
84	1.0	1.0	1.0	1.0
85	1.0	1.0	1.0	1.0
86	1.0	1.0	1.0	1.0
87	1.0	1.0	1.0	1.0
88	1.0	1.0	1.0	1.0
89	1.0	1.0	1.0	1.0
90	1.0	1.0	1.0	1.0
91	1.0	1.0	1.0	1.0
92	1.0	1.0	1.0	1.0
93	1.0	1.0	1.0	1.0
94	1.0	1.0	1.0	1.0
95	1.0	1.0	1.0	1.0
96	1.0	1.0	1.0	1.0
97	1.0	1.0	1.0	1.0
98	1.0	1.0	1.0	1.0
99	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0